Name:	Rrapo
Surname:	Ormeni
Birthday:	9-10-1955
Birthplace:	Vlore
Locality:	Tirana
Nationality:	Albanian
Civil state:	Married
Adress:	Rruga "Sokrat Mosko", Vila L 2023 /Sh/1/Ap/7 Tirana
Phone:	0693051527
Email:	rrapo55@yahoo.com
Orcid number:	0000-0002-5514-2204

PROFESSIONAL PROFILE	Professor and Research Leader in the field of Seismology and Geosciences, with extensive scientific, academic, and public engagement. He is the author of approximately 78 scientific articles published in journals indexed in international databases, including journals with impact factors, such as Tectonophysics. He has authored four scientific books and presented his research at 170 international conferences and congresses. As a professor and scientific leader, he has taught a range of university courses and established and developed new academic programs, including the course "Physics of Earthquakes." He has supervised numerous undergraduate theses and doctoral dissertations, making a significant contribution to the education and training of new generations of specialists and researchers in the fields of seismology and geosciences. He is involved in several scientific committees and research projects. Through his extensive research, academic, and public activities, he has established himself as a distinguished figure who has made, and continues to make, an invaluable contribution to the development of seismology and geosciences in Albania. Prof. Dr. Rrapo Ormeni is widely recognized as a scientific and academic authority in Albania and beyond, distinguished by his scientific rigor, the originality of his research—some of which has been conducted for the first time in the country—and his commitment to advancing higher education and scientific research institutions. He is also a well-known public voice, actively engaged in media discussions on natural and induced seismic activity, providing analyses based on data from the Albanian seismological network, the fundamental principles of seismology, and contemporary methodologies.
TEACHING-RESEARCHING INTERESTS	Seismology: Analysis of seismic data, energy seismic, Analysis of seismicity in space and time, seismic resources zones, Seismotectonic, seismic tomography crustal structure of the earth, and seismic hazard.

	Teaching in the following subjects: Physics, Earthquake Physics, Materials Physics, Electromagnetic Waves, Seismology, Geodynamic, Geohazard, Environment etc.
EDUCATION	University of Tirana, Faculty of Natural Sciences 1974-1979 –Physicist
Qualification	Graduate Studies in Math and Geophysics (Qualification: University of Tirana, Faculty of Natural Sciences and Faculty of Geology and Mining (1984-1987) Postgraduate Studies: University of Tirana, Faculty of Geology and Mining 2003-2004
▪ **Master Degree**	Microthesis: "*Analysis of the distribution of focus of earthquakes in Albania and its surrounding.*" Faculty of Geology and Mining, Polytechnic University of Tirana. December 15, 2004
▪ **Ph.D. Degree**	Thesis: "*The general model of construction of the Albania Earth's crust and its seismoactive features based on the seismological data*". Geology and Mining Faculty, Polytechnic University of Tirana. July 14, 2007
▪ **Scientific Titles**	Prof.Assoc (2011) Prof. Dr. (2016) Acad. Assoc. (2021)
Duties after university graduation in timeline:	▪ **From 1979 – 1983:** Physics Teacher in Secondary School, Tepelena district. ▪ **From 1983 – 2000**: Physicist at the Seismological Institute of the Academy of Sciences of Albania (Seismological Station, Tepelena). (At the same time I have been working as a Teacher of Physics in the secondary school in Tepelena town) ▪ **From 2000-2004**: Head of the Central Seismological Station of Tirana. ▪ **From 2004-2007:** Scientific Researcher at the Department of Seismological Network, Seismological Institute of the Academy of Sciences of Albania. ▪ **From 2005 – 2007:** Head of Telemetry and Bulletin Sector, Seismological Institute, Academy of Sciences of Albania. ▪ **From 2008-2011:** Scientific researcher in the Department of seismology and seismic engineer, Institute of Geosciences, Polytechnic University of Tirana. ▪ **From 2011-2012**, Scientific researcher in the Department of Seismology, Institute of Geosciences, Energy, Water and Environment, Polytechnic University of Tirana. ▪ **From 2012- 2014:** Head of the Department of Seismology, Institute of Geosciences Energy, Water and Environment, Polytechnic University of Tirana.

	▪ **From 2014-2023:** Scientific researcher in the Department of Seismology, Institute of Geosciences Energy, Water and Environment, Polytechnic University of Tirana. ▪ **From 2023 -** Head of the Geosciences and Geoenginneering Research Unit, Academy of Science of Albania
Post-Graduate Experience and Specialization Inside and Abroad	▪ Working experience: over 43 years' experience in the field of seismology ▪ Specialization within the country: o Course training and qualification in the field of seismology, "Data analysis of seismic monitoring" Tirana, from 1984 to 1987 year. ▪ **Specialization abroad:** o International Course: "Seismology, Seismic Data Analysis, Hazard Assessment and Risk Mitigation". July-August 2002 the Institute of Physics of the Solid Earth. [G.F.Z.] Potsdam / Berlin GERMANY. o International Course: NDC Capacity Building "NDC Waveform Analysis Training Course". April – May 2015, CTBTO, Vienna International Center [VIC] Vienna, Austria ▪ **Online Specialization abroad:** o E-Learning Course Society of Exploration Geophysicists (SEG): "Principles of Microseismic Monitoring" 2012 June, 8801 S. Yale Ave. Tulsa, OK 74137 USA o E-Iearning Training Course on NDC Capacity Building: "Access and Application of IMS Data and IDC Products" CTBTO February- March 2015 preparatory commission for the comprehensive nuclear-test-ban treaty organization CTBTO, Vienne, Austria
Scientific research activities	Publications of scientific articles **247** and **41** of them published in scopus index ●Scientific articles presented at international scientific congresses, conferences and symposiums and published in the proceedings-**169** scientific articles have been referred to and published in the proceedings. ●Scientific articles published in indexed scientific journals (SBN), Board Editorial and Impact Factor) **- 78** articles have been published
Scientific articles presented in Congresses, Conferences and in scientific Forums and published	1. **Ormeni Rr.,** et.al **(2002)**. Some aspects of seismicity in south-east Albania, June 2002. III Congress of the Balkan Geophysical. Sofia Bulgaria 2. **Ormeni Rr (2008).** Some main aspects and features of seismic activity 2007 *31st General Assembly of the European Seismological Commission* ESC 2008. Hersonissos, Crete, Greece, 7-12 September 2008 3. **Ormeni Rr., & Reci H (2008)**. Seismic data analysis in near real time from modern Broadband seismic network of Albania. *31st General Assembly of*

	the European Seismological Commission ESC 2008. Hersonissos, Crete, Greece, 7-12 September 2008 4. **Ormeni Rr (2009**). Crustal structures beneath seismogenetic zones and lateral velocity contrasts across deep faults of Albania. Congress of the Balkan geophysical society, May 2009 5. **Ormeni Rr (2009).** Some features of Lushnja-Elbasani-Dibra (Albania) traversal fault zone and its recently seismic activity. International Earthquake Symposium, August 2009, Kocaeli Turkey 6. **Ormeni Rr (2009).** Some basic aspects of seismic activity 2008. International Earthquake Symposium, August 2009, Kocaeli Turkey 7. **Ormeni Rr** Ozturk S, Gumeni F, Naco P **(2010).** The Adriatik Sea Earthquake of August 21, 2009, Albania (M5.0). *Proceedings, 3rd International Earthquake Symposium, Bangladesh, Dhaka,* 2010 8. **Ormeni Rr., Jata I, Daja Sh (2010).** Lateral Velocity contrasts across Lushnje-Elbasan-Dibra deep fault zone of Albania. Paper, International Earthquake Symposium, Bangladesh,Dhaka, March.5-6 2010 9. **Ormeni Rr,** Dushi E, Reci H **(2010).** Performance of Albanian Seismological Network towards the Seismological Bulletins compilation. 32st General Assembly of the European Seismological Commission (ESC 2010). Montpellier, France, 2010 10. **Ormeni Rr & Doda V (2010).** The most active seismogenic zones in Albania during 2009. 32st General Assembly of the European Seismological Commission (ESC 2010). Montpellier, France, 2010 11. Shkodrani N.,Daja Sh.,**Ormeni Rr.,., (2010). "**Engineering Characteristics of the Expected Shaking at Semani Site" Symposium ACEE 2010, Bangkok, Thailand 12. **Ormeni Rr,** Daja D, Doda V **(2010).** *"The* strongest earthquakes occurred in Albania during 2009 and their seismogenic zones" 6 workshop of ILP Task Force on Sedimentary Basins, Tirana, October 2010 13. **Ormeni Rr,** Fundo A, Nazaj, Sh **(2010).** *"1D*-Velocity models and lateral contrasts in zones divided from Shkoder-Peja fault of Albania" 6 workshop of ILP Task Force on Sedimentary Basins, Tirana, October 2010 14. **Ormeni Rr,** Doda V, Kaza Gj, Gumeni F **(2011).** "Assessment of the seismoactive layers and features of the Albanian earth's crust". International Balkans Conference on Challenges of Civil Engineering, BCCCE, 19-21 May 2011, EPOKA University, Tirana, ALBANIA 15. **Ormeni Rr,** Öztürk S, Shkodrani N, Daja **Sh (2011)** "An applıcatıon of the aftershock probability evaluatıon methods for recent Albania earthquakes based on Gutenberg-Richter and modified Omori models". International Balkans Conference on Challenges of Civil Engineering, BCCCE, 19-21 May 2011, EPOKA University, Tirana, ALBANIA 16. **Ormeni Rr.,** Vullkaj I, Shatro A, **(2011)** " Seismoactive layers and energy aspects of the earth's crust in the Elbasan-Dibra zone. "National Conference" Advanced Studies in Mathematics and Physics Engineering ". October 2011, PUT, Tirana

	17. Leka E., Muca M., **Ormeni Rr.,** Leka P. **(2011)** "Statistical evaluation of earthquakes events parameters in Albania ". National Conference "Advanced Studies in Mathematical and Physical engineering ". October 2011, PUT, Tirana **18. Ormeni Rr & Basholli F (2011**). "Kuturman compound earthquakes and application of the aftershock probability evaluation methods based on Gutenberg-Richter and modified Omori models". International Geosciences Conference, GeoALB 2011. **19. Ormeni Rr &** Onuzi K **(2011**). "Characteristics of seismicity in Planshet 42 Maliq (317III) ". International Geosciences Conference, GeoALB 2011. **20. Ormeni Rr**. Onuzi K, Dushi E, Doda V **(2011).** "Some features of the seismicity of todays of Elbasan-Debar transversal fault. "International Geosciences Conference, GeoALB 2011. **21. Ormeni Rr & Fundo A (2011).** "The seismoactive layers of the Albanian earth's crust seismogenic zones. 6th Congress of the Balkan Geophysical Society 3rd-6th October, 2011, Budapest, Hungary **22. Ormeni R,** Fundo A, Durmishi C, Basholli **F (2011).** "The Korca earthquake of September 11, 2010 (Ms=4.5) and its seismogenic zone". 6th Congress of the Balkan Geophysical Society 3rd-6th October, 2011, Budapest, Hungary **23. Ormeni Rr &** Dushi E **(2012).** Some main aspects and features of seismic activity 2011. Jubilee Conference of Geology October 2012, Tirana, Albania **24. Ormeni Rr,** Onuzi K, Bozo R **(2012).** "Some features of Korca region seismic activity during this century" Jubilee Conference of Geology October 2012, Tirana, Albania **25. Ormeni Rr &** Milushi I **(2012**). "Analysis of feature of recently earthquakes occurred in Elbasani-Dibra seismogenic zone and its associated hazard". Jubilee Conference of Geology October 2012, Tirana, Albania **26.** Astrit Shatro, **Ormeni Rr.,** et.al **(2013).** "Anomalous of low-velocity zone, thermal water and seismicity in the Elbasan-Dibra fault zone". International Balkans Conference on Challenges of Civil Engineering, 2013, EPOKA University, Tirana, ALBANIA **27.** Edmond Dushi, **Ormeni Rr.,** et.al **(2013).** "Effect of directivity in northeastern Albania (5.4 M_W) earthquake of September 6, 2009, from radiated seismic energy". International Balkans Conference on Challenges of Civil Engineering, 2013, EPOKA University, Tirana, ALBANIA **28. Ormeni Rr,** Dushi Edmond, Shatro Astrit, Denisa Daberdini, Basholli Fatmir **(2013).** "Resent seismic activity of the Lezha-Ulqini seismogenic zone and its associated hazard". International Balkans Conference on Challenges of Civil Engineering, 2013, EPOKA University, Tirana, ALBANIA **29. Ormeni Rr (2013).** "3D Velocity structure of the Albania region obtained by inversion of local earthquake data" 7the Congress of the Balkan Geophysical Society, 7-10 October 2013, Tirana, Albania

	30. Ormeni Rr (2013). "Some main aspects and features of seismic activity 2012". 7the Congress of the Balkan Geophysical Society, 7-10 October 2013, Tirana, Albania **31.** Daberdini A, **Ormeni Rr (2013)** "Generation of tsunami wave by earthquakes in Adriatic Sea" Alb-Shkenca, Kosovo. **32.** Daberdin A, **Ormeni Rr (2014)** "Mechanical wave earthquake/generated in Adriatic sea". Alb-Shkenca, Kosovo. **33.** Shatro A, **Ormeni Rr (2014).** "Anomalous of low-velocity zone, thermal water and seismicity in the Elbasan-Dibra fault zone". International Balkans Conference on Challenges of Civil Engineering, EPOKA University, Tirana, ALBANIA. **34. Ormeni Rr (2014**). Seismic tomography and earthquake mechanism in Albania" XX Congress of the Carpathian Balkan Geological Association Tirana, Albania, 24-26 September 2014 **35.** Marku S, Panza G, **Ormeni Rr (2014)**." The necessity of an anti-seismic law in Albania based on NDSHA method of risk calculation" XX Congress of the Carpathian Balkan Geological Association Tirana, Albania, 24-26 September 2014 **36. Ormeni Rr (2014)** "Some basic aspects of seismicity activity in Albania during 2013". XX Congress of the Carpathian Balkan Geological Association Tirana, Albania, 24-26 September 2014 **37.** Shatro A, **Ormeni Rr**, Onuzi K and Stoja Gj **(2014).** "Hydrological and geological data of 43 Korca Sheet" XX Congress of the Carpathian Balkan Geological Association Tirana, Albania, 24-26 September 2014 **38.** Shato A, **Ormeni Rr (2014).** "Geothermal source of Kozani in the area of Elbasan". International Symposium on Environmental Sciences Van, 04-07 June 2014 **39.** Adisa Daberdini, Fatmir Basholli, **Rrapo Ormeni (2014).** "Gjenerimi i valeve te cunamit nga termetet ne detin Adriatik" Konferenca e Shkencave Inxhinierike dhe e Teknologjisë së Informacionit, Prishtinë, 29-31 Gusht 2014 **40.** Adisa Daberdini, Fatmir Basholli, **Rrapo Ormeni (2015).** "Modelimi numerik i vales se cunamit sipas modelit Boussinesq" Konferenca e Shkencave Inxhinierike dhe e Teknologjisë së Informacionit, Prishtinë, 28-30 Gusht 2015. **41.** Adisa Daberdini, Elton Rogozi, **Rrapo Ormeni (2015)** "The effect of earthquakes on marine ecosystems in adriatic sea " ICE, Tirane. **42. Ormeni Rr, (2015).** "Analysis of Feature of Recent Seismicity in Vlora-Elbasani- Dibra Seismogenic Zone" 7th International Conference on Seismology and Earthquake Engineering (SEE7), International Institute of Earthquake Engineering and Seismology (IIEES). **18-21 May 2015 in Tehran, Iran** **43. Ormeni Rr, (2015). "**Nacional Data Center (NDCA) and Seismological Network (ASN) of Albania ". CTBTO Preparatory Commission, IDC division, 13 Prill 2015, Viena, Austri

	44. Adisa Daberdini, Elton Rogozi, **Rrapo Ormeni** (2015). "Analytical solution of generation of tsunami waves by submarine landslide for a basin of variable depth in Ionian sea". ICRAE2015 Conference-Abstract Proceedings, ISSN: 2308-0825 **45. Ormeni Rr, (2015).** "Mapping b-value in the seismogenic zones of Albania region" Proceeding of the 8the Congress of the Balkan Geophysical Society, 4-8 October 2015, Crete, Greece **46. Ormeni Rr** (2015) "Some main aspects and features of seismicity activity in Albania during 2014". Prroceeding of the 8the Congress of the Balkan Geophysical Society, 4-8 October 2015, Crete, Greece **47. Ormeni Rr**, Ozturk S, Gjuzi O **(2016).** Regional and temporal assessment of b- value in the Vlora-Elbasani-Dibra Transversal Fault Zone, Albania (International Balkans Conferance on Challenges of Civil Engineering, (BCCE) EPOKA University, Tirana, ALBANIA.19-21 Maj 2016) **48.** Fundo A, **Ormeni. Rr (2016).** "Some basic aspects of seismic activity dur 2015 year", 6the International Conference on Science, Technology a Manegement" New Delfi International Conference, 04, December 2016 **49. Ormeni. Rr (2017).** "Seismic velocity models and their improvement" CTBT: Science and Technology, Conference 26 to 30 June, 2017, Vienne, Austria. **50. Ormeni Rr,** Gjuzi O, **(2017).** "Some main features of seismic activity in Albania during 2016" International Conference on Applied Sciences and Engineering, FIFM, Polytechnic University of Tirana, Albania, November 16-17, 2017. **51. Ormeni Rr,** Öztürk S, **(2017).** "Aftershock analysis of October 15, 2016, Greece-Albania border region, Rodotopion-Earthquake based on the Gutenberg-Richter and modified Omori lows" International Conference on Applied Sciences and Engineering, FIMIF, Polytechnic University of Tirana, Albania, November 16-17, 2017. **52.** Kujtim Onuzi**, Rrapo Ormeni,** Gjon Kaza **(2018). "**Analysis of the geological-seismological data in the region included in the geological map 150 000 sheet 54 – Saranda*"* XXI Congress of the Carpathian Balkan Geological Association Vienna, Austria, 10-13 September 2018 **53. Ormeni Rrapo,** Bozo Rrezart, Gjuzi Olgert **(2018). "**Regional macroseismic field of May 24, 2017, Bulqiza earthquake in Albania", XXI Congress of the Carpathian Balkan Geological Association Vienna, Austria, 10-13 September 2018 **54.** Bozo Rrezart, **Ormeni Rrapo**, Gjuzi Olgert **(2018). "**Some main aspects of seismic activity during 2017 year", XXI Congress of the Carpathian Balkan Geological Association Viena, Austria, 10-13 September 2018 **55. Ormeni Rrapo (2018)."** The Lushnje-Elbasan-Diber Fautl: Crustal Structure and Seismic Activity" CTBT: Science and Technology 2019 Conference, Hofburg Palace, Vienna, Austria 24 to 28 June 2019 **56.** Duni Ll, N. Kuka. R. Koci, E Dushi, **Rr. Orméni**, 1. Hoxha, E. Begu, Rr. Bozo. (2018). Seisnological Networks of Albania. Real Time

	seismological data exchange signature ceremony. February, March 01, 2018. Ankara, Turkey. **57.** Hoxha Ismail, **Ormeni Rrapo,** Peci Naser, Mustafa Shemsi **(2019).** "Seismotectonic activity of the Kurbnesh-Kukes-Prizren transverswal fault zone". International Multidisciplinary Geosciences Conference IMGC2019, 10-12 October 2019, Mitrovica, Kosovo **58. Ormeni Rrapo (2019).** "Some main features of seismic activity in Albania and its surrounding area during 2018 year". International Multidisciplinary Geosciences Conference IMGC2019,10-12 October 2019, Mitrovica, Kosovo. **59. Ormeni Rrapo**, Hoxha Ismail **(2019).** "The April 2017, Ms5.2 Kurbneshi Earthquake and its seismogenic Zone". Proceeding of the 10the Congress of the Balkan Geophysical Society, 18-22 September 2019, Albena Resort, Bulgaria. **60. Ormeni Rr** (2020). "Assessement of seismoactive layers generated by the 2019 series of earthquakes in Durres" International symposium on Durres earthquakes and eurocodes (ISDEE), 21-22 September 2020, Tirane **61.** Serkan Öztürk and **Ormeni Rrapo (2020).** On the aftershock sequence of the November 26, 2019 earthquake, ML=6.3, north of Durres, Albania: Region-Time-Magnitude behaviors. International Conference on Geosciences and Earthquake Engineering, Challenges for Balkan Region (ICGEE) Tirana, November 26-28, 2020. **62.** Bozo Rrezart, **Ormeni Rrapo**, Gjuzi Olgert **(2020).** Regional Macroseismic Intensity of the September 21, 2019, ML=5.8 Durres earthquake in Albania. International Conference on Geosciences and Earthquake Engineering, Challenges for Balkan Region (ICGEE) Tirana, November 26-28, 2020. **63.** Daberdini Adisa, **Ormeni Rrapo**, Metaj Novrus **(2020).** Risk of Tsunamis on the coast of Durres based on strong earthquakes generated in this area. International Conference on Geosciences and Earthquake Engineering. Challenges for Balkan Region (ICGEE) Tirana, November 26-28, 2020. **64. Ormeni Rrapo**, Skrame Klodian, Hoxha Ismail, Sillo Erald **(2020).** Strong earthquakes in Durres during 2019 and their associated seismogenic zone. International Conference on Geosciences and Earthquake Engineering, Challenges for Balkan Region (ICGEE) Tirana, November 26-28, 2020. **65.** Shemsi Mustafa, **Rrapo Ormeni,** Flutura Smakiqi, Naser Peci **(2020).** Seismic activity and seismotectonic characteristics for the seismogenic zones of Kosovo. International Conference on Geosciences and Earthquake Engineering, Challenges for Balkan Region (ICGEE) Tirana, November 26-28, 2020. **66.** Petraq Naco, Ismail Hoxha, **Rrapo Ormeni**, Rrezart Bozo, Dashamir Gega, Rakip Hysenaj **(2020).** The Durres-Lezha tectonic zone and its earthquakes series of 21st September (Mw5.6) and 26th November 2019 (Mw 6.4). International Conference on Geosciences and Earthquake Engineering, Challenges for Balkan Region (ICGEE) Tirana, November 26-28, 2020. **67. Ormeni Rrapo,** Hoxha Ismail, Naco Petraq, Gega Dashamir **(2020).** "The strong Earthquake of 26 November 2019 (Mw 6.4) and its associate active

	tectonic of Durresi region in Albania" European Geosciences Union, General Assambly 2020 (EGU2020), Vienna, Austri **68.** Serkan Öztürk and **Ormeni Rrapo (2020).** Spatio- temporal analysis of the current seismicity in different parts of Frakull-Durres fault zone, Albania. International Conference on Geosciences and Earthquake Engineering, Challenges for Balkan Region (ICGEE) Tirana, November 26-28, 2020. **69.** Erald Silo, Mentor Lamaj, **Rrapo Ormeni (2020).** Use of active and passive seismic methods in the study of landslides. International Conference on Geosciences and Earthquake Engineering, Challenges for Balkan Region (ICGEE) Tirana, November 26-28, 2020. **70.** Bejko Ethem, **Ormeni Rrapo**, Gjata Gezim **(2020).** Monitoring of tectonic movements in the coastal area of Divjaka through GNSS local geodetic satellite netwoeks.International Conference on Geosciences and Earthquake Engineering Challenges for Balkan Region (ICGEE) Tirana, November 26-28, 2020. **71.** Sokol Marku, **Rrapo Ormeni**, Guliano Panza **(2020).** Considerations on the use of the neo-deterministic method seismic hazards in Albania. International Conference on Geosciences and Earthquake Engineering, Challenges for Balkan Region (ICGEE) Tirana, November 26-28, 2020. **72.** Jadranka Mihaljevic1, **Rrapo Ormeni,** Rrezart Bozo **(2020).** Macroseismic Field Anisotropy of the ML6.3 Earthquake of 26 November 2019 in Durres, Albania. International Conference on Geosciences and Earthquake Engineering, Challenges for Balkan Region (ICGEE) Tirana, November 26-28, 2020. **73. Rrapo Ormeni**, Shemsi Mustafa, Rrezart Bozo, Donald Mucaj (2020). Some main aspects of seismic activity in Albania during 2019 year. International Conference on Geosciences and Earthquake Engineering, Challenges for Balkan Region (ICGEE) Tirana, November 26-28, 2020. **74. Ormeni Rrapo**, Daberdini Adisa (2021) "Basic aspects of seismic activity in Albania and its surrounding during 2020 year". 21st International Scientific Multidisciplinary Conference on Earth and Planetary Sciences SGEM, 14 August - 22 August, 2021, Albena Resort & Spa , Bulgaria**, Impact Factor (BE)** **75.** Silo Erald, **Ormeni Rrapo** (2021). "Application of active and passive seismic methods for the study of landslides" 11th Congress of the BALKAN GEOPHYSICAL SOCIETY – Bucharest, 10-14 October 2021. **Impact Factor (BE)** **76. Ormeni Rrapo,** Frasheri Neki, Hoxha Ismail, Berberi Anita, Silo Erald (2021). "The serie of Korca earthquakes 2019 to 2020 (Mmax = 5.3) and its seismogenic zone" 11th Congress of the Balkan Geophysical Society – Bucharest, 10-14 October 2021. **Impact Factor (BE)** **77. Ormeni Rrapo**, Berberi Anita, Frasheri Neki, Gjuzi Olgert (2021). "Evaluation of macroseismic field of June 1, 2019, Korca earthquake in Albania" 11th Congress of the Balkan Geophysical Society – Bucharest, 10-14 October 2021. **Impact Factor (BE)**

78. **Ormeni Rrapo**, Gjuzi Olgert, Bozo Rezart, Muci Donald, Dushi Irena, Minarolli Ardian, Selmani Idajet **(2021)** " Some main aspects of Albanian seismicity during two decades of this century". Symposium "Geosciences, Achievments and Future Challenges" November 25, 2021, IGEO, PUT.
79. **Ormeni Rrapo**, Öztürk Serkan, Kanani Xhorda **(2022)**" A statistical assessment of seismic activity in the Frakull-Cape Rodoni fault zone " Conference I-st National Institute of Physics, 10-11 February 2022 Tirana.
80. **Ormeni Rrapo**, Silo Erald, Skrame Klodjan, Bilgin Huseyin, Kanani Xhorda, (2022) "Recent Moderate Earthquakes of Korçë – Leskovik Seismogenic Zone in Albania" 28th European Meeting of Environmental and Engineering Geophysics, NSG2022. 18-22 September 2022, Belgrade, Serbia**. ISSN: 2214-4609 Impact Factor (BE)**
81. **R. Ormeni** and X. Kanani (2022) "Some Basic Aspects and Features of Seismic Activity in Albania During 2021" NSG2022 28th European Meeting of Environmental and Engineering Geophysics. 18-22 September 2022, Belgrade, Serbia. ISSN: 2214-4609 **Impact Factor (BE)**
82. **R Ormeni,** X Kanani, H Bilgin (2022) "Seismicity of Vlore-Tepelene Fault Zone During This Century". NSG2022 28th European Meeting of Environmental and Engineering Geophysics. 18-22 September 2022, Belgrade, Serbia. ISSN: 2214-4609 **Impact Factor (BE)**
83. **R Ormëni**, K Skrame, H Bilgin, X Kanani, D Mucaj (2022) "Assessment of Seismoactive Layers in the Albanian Earthcrust" NSG2022 28th European Meeting of Environmental and Engineering Geophysics. 18-22 September 2022, Belgrade, Serbia. ISSN: 2214-4609 **Impact Factor (BE)**
84. E Silo, K Skrame, **R Ormeni** (2022). "Studying Landslides With Active and Passive Seismic Methods" NSG2022 28th European Meeting of Environmental and Engineering Geophysics. 18-22 September 2022, Belgrade, Serbia. ISSN: 2214-4609 **Impact Factor (BE)**
85. K Skrame, R Muçi, I Gaudiosi, **R Ormeni,** M Simionato, M Mancini (2022). Integrated Subsoil Model for a Better Earthquake Emergency Response Plan: Vlora and Korca Cities in Albania" NSG2022 28th European Meeting of Environmental and Engineering Geophysics. 18-22 September 2022, Belgrade, Serbia. ISSN: 2214-4609 Scopus **Impact Factor (BE). https://www.researchgate.net/publication/381216524_physicochemical-characteristics-and-usage-possibilities-of-elbasan-thermal-water**
86. E Silo, K Skrame, **R Ormeni** (2022) "Application of Seismic Methods for Studying the Technical Conditions of Water Reservoir Dams" NSG2022 28th European Meeting of Environmental and Engineering Geophysics. 18-22 September 2022, Belgrade, Serbia. ISSN: 2214-4609 **Scopus (BE)**
87. **R Ormeni**, I Hoxha, O Gjuzi, R Bozo, D Gega, X Kanani, D Muca, L. Piccardi, E. Vittori, A.M. Blumetti, P. Di Manna, V. Comerci (2022). "The Catalogue of Earthquakes Focal Mechanism Occurred in Albania and its Surrounding During 1948 to 2022" NSG2022 28th European Meeting of Environmental and Engineering Geophysics. 18-22 September 2022, Belgrade, Serbia. ISSN: 2214-4609 **Scopus (BE)**

88. **R Ormeni,** O Gjuzi, I Hoxha, N Frasheri, R Bozo, D Gega, X Kanani (2022). "Seismicity of Borshi-Kardhiq Fault Zone During This Century". NSG2022 28th European Meeting of Environmental and Engineering Geophysics. 18-22 September 2022, Belgrade, Serbia. ISSN: 2214-4609, **Scopus (BE)**
89. **R Ormeni (2022),** Some aspects of genetic relations and effects September 21 and November 26, 2019 earthquakes. Workshop: Eurocodes and the Structural Safety of Construction Works, 19 December 2022. Academy of Science of Albania
90. **Rrapo Ormeni,** Margarita Kuqali, Eralda Idrizi, Albana Hasimi, Elvin Como, Hamza Reci, Gazmi Cela, Donald Mucaj, Olgert Gjuzi **(2023)**" Spatial Correlations between low velocities, thermal waters springs, seismicity and b-value in Elbasani zone " Conference II-nd National Institute of Physics, 28-29 Aprile 2023 Tirana. **https://ikf-akad.al/**
91. Elvin Çomo, Edlira Tako, Albana Hasimi, **Rrapo Ormeni**, Olgert Gjuzi, Mirela Ndrita **(2023).** "Physico-Chemical Characteristics and Possibilities of Utilization of Elbasan Thermal Waters" ICGTEGS 2023: 17. International Conference on Geothermal Technologies and Enhanced Geothermal Systems, April 03-04, 2023 in Athens, Greece me Paper Code: 23GR040081 **(BE)**
92. Pio di manna, Luigi Piccardi, Anna Maria Blumetti, Valerio Comerci, Dashamir Gega, Rrezart Bozo, Olgert Gjuzi, Ismail Hoxha, Petraq Naco, **Rrapo Ormeni (2023).** "Morphotectonic evidences of active tectonics in North Western Albania" XXI INQUA Congress 13 - 20 July 2023 https://inquaroma2023.exordo.com. **(BE)**
93. Ismail Hoxha, Petraq Naço, Dashamir Gega, **Rrapo Ormeni**, Rrezart Bozo, Luigi Piccardi[2], Pio Di Manna, Eutizio Vittori, Anna Maria Blumetti, Valerio Comerci **(2023).** "Geophysical investigations AND Morphotectonic evidences of active tectonics in western Albania" International Symposium on the November 26, 2019 M w 6.4 Durres, Albania Earthquake: Regional Seismicity, Regional Geodynamics and Seismic Hazard. March 28-29, 2023 Tirana,
94. **Rrapo Ormeni (2023),** "Vlera e koeficentit sizmik "b" graviteti Bouguer dhe të dhënat e fluksit së nxehtësisë në zonën e Elbasanit: Implikimet tektonike dhe strukturore". Forumi Shkencor/workshop, 30 Maj 2023. Akademia e Shkencave e Shqipërisë.
95. Gjuzi O **& Ormeni R (2023),** Moment tensor solutions of small to moderate earthquakes along Vlora-Elbasani-Dibra Transversal Fault Zone. CTBT: Science and Technology Conference 2023 - SnT2023, 18 June 2023, Vienne, Austri. **(BE)**
96. **Rrapo Ormeni,**Serkan Öztürk, Albana Hasimi, Erald Silo, Elvin Como **(2023)** "Region-time- magnitude analysis of earthquakes activity in the Elbasani geothermal zone, Albania" 23rd International Multidisciplinary

	Scientific GeoConference SGEM, 1 - 10 July, 2023, Albena Resort & Spa, Bulgaria. **factor impact (BE) https://www.sgem.org/** **97. Rrapo Ormeni,** Ethem Bejko, Albana Hasimi, Klodjan Skrame, Dionald Mucaj **(2023)** "Assessement of seismoactive layers in Elbasani geothermal zone, Albania "23rd International Multidisciplinary Scientific GeoConference SGEM, 1 - 10 July, 2023, Albena Resort & Spa, Bulgaria. **factor impact (BE). https://www.sgem.org/** **98.** Ethem Bejko, **Rrapo Ormeni** Bledar Sina, Eeduart Blloshmi, Dionald Mucaj **(2023)** "Monitorimg of tectonic movements in the Adriatic region through national permanent satellite networks". 23rd International Multidisciplinary Scientific GeoConference SGEM, 1 - 10 July, 2023, Albena Resort & Spa, Bulgaria. **factor impact (BE) https://www.sgem.org/** **99.** Ethem Bejko, **Rrapo Ormeni,** Gezim Gjata, Albana Hasimi, Dhurata Ndreko **(2023)** " The impact of river sedimentation on the variability of the sea floor topography is one of the factors with a significant impact on the dynamic of the coastline" 23rd International Multidisciplinary Scientific GeoConference SGEM, 1 - 10 July, 2023, Albena Resort & Spa, Bulgaria. **factor impact (BE) https://www.sgem.org/** **100.** Elvin Como, Albana Hasimi, **Rrapo Ormeni**, **(2023)** "Geotermal Energy features and water sources in the area of Elbasani, Albania" 23rd International Multidisciplinary Scientific GeoConference SGEM, 1 - 10 July, 2023, Albena Resort & Spa, Bulgaria **(BE) factor impact, https://www.sgem.org/** **101.** **Rrapo Ormeni,** Naser Peci, Ismail Hoxha, Klodian Skrame, Viktor Doda, Albana Hasimi (2023). "Vlersimi i shtreses sizmoaktive ne zonen e thyerjeve terthore Kurbnesh-Kukes-Skavic". International Multidisciplinary Geosciences Conference IMGC2023,19-20 October 2023, Mitrovica, Kosovo. **102.** Naser Peci, **Rrapo Ormeni,** Ismail Hoxha, Klodian Skrame, Viktor Doda, Albana Hasimi (2023). "Analiz hapsinore e vendburimit te bioksideve Volljak". International Multidisciplinary Geosciences Conference IMGC2023,19-20 October 2023, Mitrovica, Kosovo. **103.** Elvin Como, Albana Hasimi, **Rrapo Ormeni,** Dionald Mucaj (2023). "Hydrogeological and hydrochemical characteristics mineral waters of Elbasan". International Multidisciplinary Geosciences Conference IMGC2023,19-20 October 2023, Mitrovica, Kosovo. **104.** **Rrapo Ormeni**, Dhurata Ndreko, Nazmi Hasi, Etem Bejko, Naser Peci, (2023) "Analiza e parametrave te aktiviteti sizmik të zonës Gjiri i Divjakës dhe vlersime te rreziku sizmik " Simpozium Shkencor . Akademia e Shkencave. Nentor 01, 2023, Tirana-Albania **105.** Ethem Bejko, **Rrapo Ormeni** (2023) "Përcaktimi i Vektorit të Ndikimit Tektonik në Dinamikën e Vijës Bregdetare në zonën e Gjirit të Divjakës, bazuar në të dhënat e përftuara nga Rrjetet Gjeodezike Satelitore" Simpozium Shkencor. Akademia e Shkencave. Nentor 01, 2023, Tirana-Albania

	106. Skrame, K., **Ormeni, Rr**., Muci, R., Pekmezi, J., Fociro, O., Muci, D., Sheteli, K. and Gjuzi, O. [2023]: Integrated subsoil model for a better earthquake emergency response plan: the case of Durres city, in Albania. GEOSCIENCE 8th edition, Bucharest. 7-11 November 2023. **107.** Albana Hasimi, Elvin Como, Blerina Papajani, Mirela Ndrini, **Rrapo Ormeni (2024)** "A overview of the main characteristics and issues in the climate of the Tregan region, Elbasan Albania" The 4th International Conference on Innovative Academic Studies, March 12 – 13 in 2024 Konya, Turkey **108.** Arben Pambuku, Entela Vako**, Rrapo Ormeni[1],** Vanela Gjeçi, Petrit Llaveshi, Lulzim Guma (**2024**) **"**Menaxhimi i Detar, administrimi i hapësirës detare dhe bregdetare". Konferenca I[rë] Kombëtare "Gjeoinxhinieria e Ujërave Sipërfaqësore dhe Nëntokësore në Republikën e Shqipërisë - Alternativat për ruajtjen dhe miradministrimin e tyre, 29-30 Mars 2024, Tiranë. **109.** Olgert Gjuzi, Dionald Muçaj**, Rrapo Ormeni**, Klevis Sheteli **(2024)** "Efektet e Ujërave Nëntokësore në Lëngëzimin e Trojeve gjatë Tërmetit të Nëntorit 2019 në Durrës". Konferenca Irë Kombëtare "Gjeoinxhinieria e Ujërave Sipërfaqësore dhe Nëntokësore në Republikën e Shqipërisë - Alternativat për ruajtjen dhe miradministrimin e tyre, 29-30 Mars 2024, Tiranë. **110.** Blerina Papajani, Elvin Çomo, Edlira Tako, Mirela Ndrita, Azem Bardhi, Albana Hasimi, **Rrapo Ormeni (2024).** "Vlerësimi i basenit ujëmbledhës të shkumbinit nje përmbledhje për 30 vitet e fundit. Konferenca Irë Kombëtare "Gjeoinxhinieria e Ujërave Sipërfaqësore dhe Nëntokësore në Republikën e Shqipërisë - Alternativat për ruajtjen dhe miradministrimin e tyre, 29-30 Mars 2024, Tiranë. **111.** Adelajda Halili1, Hajri Haska, Neki Frasheri, **Rrapo Ormeni,** Lorenc Zani **(2024).** "Rrjeti hidrografik në shqipëri dhe disa elemente specifike në lidhje me fenomenin e erozionit". .Konferenca Irë Kombëtare "Gjeoinxhinieria e Ujërave Sipërfaqësore dhe Nëntokësore në Republikën e Shqipërisë - Alternativat për ruajtjen dhe miradministrimin e tyre, 29-30 Mars 2024, Tiranë. **112.** Albana Hasimi, Mirela Ndrita, Elvin Çomo, Blerina Papajani, Azem Bardhi1, **Rrapo Ormeni (2024) "**Përmbytjet në Vjosë: Karakteristikat meteorologjike të ngjarjeve dhe faktorët antropologjikë" Konferenca Irë Kombëtare "Gjeoinxhinieria e Ujërave Sipërfaqësore dhe Nëntokësore në Republikën e Shqipërisë - Alternativat për ruajtjen dhe miradministrimin e tyre, 29-30 Mars 2024, Tiranë. **113.** Elvin Çomo, Albana Hasimi, Blerina Papajani, Mirela Dvorani (Ndrita), **Rrapo Ormeni**, Bledar Murtaj (2024) " Karakteristikat Limonologjike dhe Cilesia e ujit te liqenit te Ohrit dhe liqenit te Prespes" Konferenca Irë Kombëtare "Gjeoinxhinieria e Ujërave Sipërfaqësore dhe Nëntokësore në Republikën e Shqipërisë - Alternativat për ruajtjen dhe miradministrimin e tyre, 29-30 Mars 2024, Tiranë.

	114. **Rrapo Ormeni**, Arben Pambuku, Frederik Dara, Elfrida Dishmema, Elisabeta Peti, Arber Qoshja**.(2024)** "Hidrosizmiciteti në Shqiperi dhe faktorët bazë trigerues" Konferenca Irë Kombëtare "Gjeoinxhinieria e Ujërave Sipërfaqësore dhe Nëntokësore në Republikën e Shqipërisë - Alternativat për ruajtjen dhe miradministrimin e tyre, 29-30 Mars 2024, Tiranë **115.** Adisa Daberdini, Novrus Metaj, **Rrapo Ormeni**, Fatmir Basholli **(2024)** "Metoda e analizimit të të dhënave të mbledhura cunamet në detet Adriatik dhe Jon". Konferenca Irë Kombëtare "Gjeoinxhinieria e Ujërave Sipërfaqësore dhe Nëntokësore në Republikën e Shqipërisë - Alternativat për ruajtjen dhe miradministrimin e tyre, 29-30 Mars 2024, Tiranë. **116.** Erald Silo, **Rrapo Ormeni (2024)** "Ndërtimi, gjeologo tektonik, harta abati metrike dhe karakteristikat e vijës bregdetare të detit Adriatik rajoni Seman shqipëri" Konferenca Irë Kombëtare "Gjeoinxhinieria e Ujërave Sipërfaqësore dhe Nëntokësore në Republikën e Shqipërisë - Alternativat për ruajtjen dhe miradministrimin e tyre, 29-30 Mars 2024, Tiranë. **117.** Hajri Haska, Neki Frashëri, **Rrapo Ormeni,** Alfred Mullaj, Robert Damo, Adelajda Halili **(2024) "**Pylli si element shumë i rëndësishëm në binomin ujë-vegjetacion, një vështrim mbi lumin Shkumbin" Konferenca Irë Kombëtare "Gjeoinxhinieria e Ujërave Sipërfaqësore dhe Nëntokësore në Republikën e Shqipërisë - Alternativat për ruajtjen dhe miradministrimin e tyre, 29-30 Mars 2024, Tiranë. **118.** Lorenc Malka, Raimonda Dervishi, Partizan Malka, **Rrapo Ormeni (2024)** A challenge for a sustainable Albanian transport sector in 2050." 2024 9th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE) (**BE)** **119.** **Ormeni Rrapo,** Öztürk Serkan Lule Arjol, Ndreko Dhurata (2024) "Statistical analysis of the current seismicity in the Kurbnesh-Kukes-Prizren zone, Albania" 12th Congress of the Balkan Geophysical Society – Kopaonik, Serbia, 27-31 May 2024. **(BE)** **120.** Ismail Hoxha, **Rrapo Ormeni**, Naser Peci (2024) Sizmotektonika e Shqiperise dhe linjat sizmotektonike Shkoder-Peje dhe Kurbnesh – Kukes-Prizren dhe tektonika e zones se thyerjes terthore Kurbnesh-Kukes-Prizren" Forumi Shkencor: "Studimi gjeologo-sizmik i zonave së thyerjeve tektonike tërthore Kurbnesh-Kukës-Prizren dhe Shkodër-Pejë si dhe vlerësime të rrezikut sizmik për një jetë më të sigurt". Conference Proceeding 2024. **121.** **Rrapo Ormeni**. Dhurata Ndreko, Olgert Gjuzi(2024) "Tërmeti moderat i Kurbneshit ML 5,2 në vitin 2.017 zona e tij si siz-mogjenike dhe fushës makrosizmike" Forumi Shkrbcor: "Studimi gjeologo-sizmik i zonave së thyerjeve tektonike tërthore Kurbnesh-Kukës-Prizren dhe Shkodër-Pejë si dhe vlerësime të rrezikut sizmik për një jetë më të sigurt". Conference Proceeding 2024 **122.** Ndreko Dhurata, **Ormeni Rrapo,** Lule Arjol (2024) "Evaluation of Macroseismic Field of Moderate 2023 Klosi earthquake M4.8, Albania"

	12th Congress of the Balkan Geophysical Society – Kopaonik, Serbia, 27-31 May 2024. **(BE)** **123.** Dhurata Ndreko, Lule Arjol, Ormeni Rrapo (2024) "Ndertimi Gjeologjik zones Shkoder-Peje" Forumi Shkencor: "Studimi gjeologo-sizmik i zonave së thyerjeve tektonike tërthore Kurbnesh-Kukës-Prizren dhe Shkodër-Pejë si dhe vlerësime të rrezikut sizmik për një jetë më të sigurt". Conference Proceeding 2024 **124.** **Rrapo Ormeni,** Nazmi Hasi; Arben Pambuku, Dionald Mucaj, (2024) "Kontrastet e shpejtësisë në të dy anet e thyerjes së thellë Shkodër-Pejë" Forumi Shkrbcor: "Studimi gjeologo-sizmik i zonave së thyerjeve tektonike tërthore Kurbnesh-Kukës-Prizren dhe Shkodër-Pejë si dhe vlerësime të rrezikut sizmik për një jetë më të sigurt". Conference Proceeding 2024 **125.** Gega Dashamir1, Peci Naser, Shala Behxhet,Hasi Nazmi,Hoxha Ismail, **Ormeni Rrapo** (2024) "Rajonizimit tektonik dhe linjat sizmotektonike, Shkodër -Pej dhe Kurbnesh-Kukës-Prizren. Forumi Shkrbcor: "Studimi gjeologo-sizmik i zonave së thyerjeve tektonike tërthore Kurbnesh-Kukës-Prizren dhe Shkodër-Pejë si dhe vlerësime të rrezikut sizmik për një jetë më të sigurt". Conference Proceeding 2024 **126.** **Donald Mucaj**, Rrapo Ormeni (2024) "Disa vecori te Sizmiciteti te zones se thyerjes Shkoder Peje gjate 50 viteve te fundit" Forumi Shkencor: "Studimi gjeologo-sizmik i zonave së thyerjeve tektonike tërthore Kurbnesh-Kukës-Prizren dhe Shkodër-Pejë si dhe vlerësime të rrezikut sizmik për një jetë më të sigurt". Conference Proceeding 2024 **127.** Lule Arjol, **Ormeni Rrapo,** Ndreko Dhurata**,** (2024) "Moderate to strong earthquakes olf Albania during this century and their seisogenic zone" " 12th Congress of the Balkan Geophysical Society – Kopaonik, Serbia, 27-31 May 2024. **(BE)** **128.** **Ormeni Rrapo,** Frasheri Neki, Lule Arjol, Ndreko Dhurata , Silo Eral, Skrame Klodian (2024) "Seismotectonic activity of Curraj i eperm-Rragam transversal fault zone, Albania " 12th Congress of the Balkan Geophysical Society – Kopaonik, Serbia, 27-31 May 2024. **(BE)** **129.** Lule Arjol, **Ormeni Rrapo,** Ndreko Dhurata**, Silo Erald**(2024) "Seismicity of Shkoder-Peje Deep Fault Zone During This Century" 12th Congress of the Balkan Geophysical Society – Kopaonik, Serbia, 27-31 May 2024. **(BE)** **130.** Ndreko Dhurata, **Ormeni Rrapo,** Lule Arjol (2024) "Some aspects of seismic activity of Albania and its surrounding during 2023 year" 12th Congress of the Balkan Geophysical Society – Kopaonik, Serbia, 27-31 May 2024. **(BE)** **131.** Silo Erald , **Ormeni Rrapo** (2024) "Building the bathymetric map of the coastal line of Adriatic Sea, Seman region, Albania with the aid of geological and reflection seismics cross-sections" " 12th Congress of the Balkan Geophysical Society – Kopaonik, Serbia, 27-31 May 2024. (BE) **132.** Basholli Fatmir, Daberdini Adisa, **Ormeni Rrapo** (2024). Simulation based on historical data and expectations for tsunamis in the

Adriatic and Ionian Seas. "the 9 Advanced Engineering Days (AED)" Tabriz, Iran on July 9-10, 2024

133. **Rrapo Ormeni,** Olgert Gjuzi, Dionald Mucaj (2024). "Aspekte të vlerësimit të sizmicitetit në disa vende tipike të trashëgimisë kulturore në Shqipëri" Forum Shkencor "Mbi Vlerësimin dhe Menaxhimin e Rreziqeve ndaj Trashëgimisë Kulturore në Shqipëri-Kosove dhe Ballkanin Jugperëndimor". 21 Nentor 2024, Akademi e Shkencave Tirane.

134. K Skrame, **R Ormeni**, I Hoxha, N Peci, B Shala (2024) "Seismic Activity of the Kurbnesh-Kukes-Prizren Cross-Border Transversal Fault and Its Effects on the Albanian-Kosovo Cities" NSG 2024 30th European Meeting of Environmental and Engineering Geophysics, Sep 2024, Volume 2024, p.1 – 5, DOI: https://doi.org/10.3997/2214-4609.202420171

135. E. Silo, R. Ormeni (2024). Assessment of the Technical Condition of Water Reservoir Dams Using Active Seismic Methods. First National Conference on Geoengineering of Surface and Groundwater in Albania – Alternatives for Their Conservation and Proper Management. Academy of Sciences of Albania, 29–30 March 2024.

136. Olgert Gjuzi, **Rrapo Ormeni**, Dionald Muçaj (2024)" Urban Development and Challenges in Seismic Risk Management" 1st International Conference Urban Environment UE-BCUG 2024

137. Marsed Leti , Altin Bidaj, **Rrapo Ormeni,** and Hüseyin Bilgin (2025). "Investigating the Seismic Performance of RC Buildings Using Nonlinear Incremental Dynamic Analysisé"33 International Conference kn Organization and Technology of Maintenance (OTO 202411) Conference Proceeding 2025

138. Albana Hasimi, Elvin Çomo, **Rrapo Ormeni**, Amarildo Shallas, Gazmir Çela (2025). "Assessment of Different Drought Indices: A Case Study of the Mat River Basin" Scientific Conference: Climate Change and Water: Together to Close the Early Warning Gap. **Academy of Sciences**, Tirana.

139. Blerina Papajani, **Rrapo Ormeni,** Anira Gjoni, Azem Bardhi, Albana Hasimi (2025). "Assessment of Meteorological Temperatures in the Mat River Basin Area" Scientific Conference: Climate Change and Water: Together to Close the Early Warning Gap. **Academy of Sciences**, Tirana.

140. Olgert Gjuzi, **Rrapo Ormeni**, Dionald Muçaj , Klevis Sheteli. (2025). " Ndikimi i ndryshimeve klimaterike dhe rreziqeve sizmike ne Shqiperi: Efektet e kombinuara dhe pasojat Kasakad" Scientific Conference: Climate Change and Water: Together to Close the Early Warning Gap. **Academy of Sciences**, Tirana

141. Huseyin Bilgin, Neritan Shkodrani, Mario Hysenllliu, Altin Bidaj, **Rrapo Ormeni** (2025). "Vlerësimi i performancës sizmike në ndërtesat e ulëta muraturë me shtesë kati/ Seismic Performance Evaluation of Existing Low-Rise URM Buildings with Vertical Extensions" Forumi Shkencor "Risku sizmik dhe zvogelimi i tij" **Akademia Shkencave** Shqiperise, Tirane

	142. Klodian Skrame, **Rrapo Ormeni** (2025). "Modeli i integruar i nëntokës dhe studimi i fenomenit të lëngëzimit në zonën bregdetare të Durrësin bazuar në metodat CPTu dhe sizmike aktive për përgatitjen e Planeve të Emergjencave Civile" Forumi Shkencor "Risku sizmik dhe zvogelimi i tij" Akademia Shkencave Shqiperise, Tirane. **143.** **Ormeni Rrapo,** Bozo Rezart, Mucaj Donald, Hoxha Ismail, Gega Dashamir (2025) "Moderate Earthquakes of the Dumrea Diapiric Zone in Albania during this Century" XXVth International Multidisciplinary Scientific GeoConference SGEM. 28 Jun - 7 Jul, 2025 at Albena Co, Bulgaria. **Impacct factor** **144.** **Ormeni Rrapo,** Silo Erald, Mucaj Donald, Naco Petraq, Gjuzi Olgert. (2025) "The January 15, 2023, Klosi earthquake (Ms 4.8) and its seismogenic zone" XXVth International Multidisciplinary Scientific GeoConference SGEM. 28 Jun - 7 Jul, 2025 at Albena Co, Bulgaria. **Impacct factor** **145.** Gjuzi Olgert, **Ormeni Rrapo,** Naco Petraq, Mucaj Donald, Gega Dashamir. (2025) "Analysis of seismotectonic activity of Ionian Fault Zone, Albania" XXVth International Multidisciplinary Scientific GeoConference SGEM. 28 Jun - 7 Jul, 2025 at Albena Co, Bulgaria. **Impacct factor** **146.** Dionald Muçaj, **Rrapo Ormeni**, Olgert Gjuzi, Klevis Sheteli (2025) "Seismicity of the Shkodër-Pejë Fault Zone: 50 Years Overview". CTBT: Science and Technology, Conference 9 to 12 September, 2025, Vienne, Austria. **147.** O. Gjuzi , D . Muçaj **, Rr . Ormeni** (2025) "Moment Tensor Inversion for Moderate to Strong Earthquakes in Albania and Surrounding Region Using Grond. CTBT: Science and Technology, Conference 9 to 12 September, 2025, Vienne, Austria. **148.** Albana Hasimi, Elvin Çomo, **Rrapo Ormeni**, Entela Vako, Mirela Dvorani, Gazmir Çela (2025) "Comparison of various drought indices for assessing drought status of the Mati River Basin, Albania" XXVth International Multidisciplinary Scientific GeoConference SGEM. 28 Jun - 7 Jul, 2025 at Albena Co, Bulgaria**. ISBN 978-619-7603-81-1, Impact factor** **149.** Eutizio Vittori, Pio Di Manna, Luigi Piccardi, Anna Maria Blumetti, Valerio Comerci, Ismail Hoxha, **Rrapo Ormeni,** Dionald Mucaj, Olgert Gjuzi, Petraq Naco, Dashamir Gega (2025) "A working earthquake catalogue for seismic and fault hazard in Albania" Scientific Forum "Active tectonics and seismic sources for seismotectonic modeling in Albania" Akademia Shkencave Shqiperise, Tirane. **150.** Petraq Naço, Dashamir Gega, **Rrapo Ormëni**, Ismail Hoxha, Dionald Muçaj, Fatbardha Cara (2025) "Geodynamic Modeling at Depth through Seismic Profile Interpretation: Examples from the Albanian Coastal" Scientific Forum "Active tectonics and seismic sources for seismotectonic modeling in Albania" Akademia Shkencave Shqiperise, Tirane.

	151. Luigi Piccardi, Eutizio Vittori, Pio Di Manna, Ismail Hoxha, **Rrapo Ormeni**, Valerio Comerci, Anna Maria Blumetti, Gega Dashamir, Petraq Naco, Antonello D'Alessandro (2025). " Preliminary Constraints from Active Faults and Historical Seismicity in Albania: Steps Toward a National Seismotectonic Synthesis" Scientific Forum "Active tectonics and seismic sources for seismotectonic modeling in Albania" Akademia Shkencave Shqiperise, Tirane. **152.** **Ormeni Rrapo,** Öztürk Serkan, Piccardi Luigi, Hoxha Ismail,Vittori Eutizio, Pio Di Manna, Peci Naser, Mucaj Dionald1, Gjuzi Olgert (2025) "Spatial and Temporal Assessment on the Current Seismic Activity along the Active Fault Zones in Albania" Scientific Forum "Active tectonics and seismic sources for seismotectonic modeling in Albania" Akademia Shkencave Shqiperise, Tirane. **153.** Pio Di Manna, Luigi Piccardi, Eutizio Vittori, Anna Maria Blumetti, Valerio Comerci, Ismail Hoxha, **Rrapo Ormeni,** Rrezart Bozo, Olgert Gjuzi, Petraq Naco, Dashamir Gega (2025). "Morphotectonic Evidence of Major Active Faults in Northwestern Albania: A Baseline for Seismic and Tsunami Hazard Assessment" Scientific Forum "Active tectonics and seismic sources for seismotectonic modeling in Albania" Akademia Shkencave Shqiperise, Tirane. **154.** Dionald Muçaj; **Rrapo Ormeni;** Olgert Gjuzi, Petraq Naco, Ethem Bejko, Erald Silo, Rrezart Bozo (2025) "Earthquake Declustering and Its Correlation with Active Tectonic Faults in Albania" Scientific Forum "Active tectonics and seismic sources for seismotectonic modeling in Albania" Akademia Shkencave Shqiperise, Tirane **155.** Ismail Hoxha, Naser Peci, **Rrapo Ormeni** (2025). "Restructuring geoinformation according to an e-geodatabase as important element for seismotectonic modeling" Scientific Forum "Active tectonics and seismic sources for seismotectonic modeling in Albania" Akademia Shkencave Shqiperise, Tirane **156.** Naser Peci, **Rrapo Ormeni**, Behxhet Shala, Petraq Naqo, Dionald Muçaj, Erald Silo (2025). "Geological-tectonic characteristics and seismicity of the Kurbnesh–Kukës–Prizren fault" Scientific Forum "Active tectonics and seismic sources for seismotectonic modeling in Albania" Akademia Shkencave Shqiperise, Tirane **157.** Olgert Gjuzi **Rrapo Ormeni,** Ismail Hoxha, E.Vittori, Neki Frasheri, M.Abdelazim, Pio Di Manna, Dionald Mucaj (2025). "Focal Mechanisms, Stress Inversion, and Correlation with Active Faults in Albania: Preliminary Results from the ModSiz Project" Scientific Forum "Active tectonics and seismic sources for seismotectonic modeling in Albania" Akademia Shkencave Shqiperise, Tirane **158.** Klodian Skrame, **Rrapo Ormeni** (2025). "Strengthening Coastal Resilience: Liquefaction Hazard Assessment of the Albanian Coastal Region" 1st International Conference "Geological and Hydrogeological Hazards" 7 November 2025. Akademia Shkencave Shqiperise, Tirane

	159. Erald Silo, Vilson Silo, **Rrapo Ormeni** (2025). "Application of Seismic Methods in Geoengineering Studies" 1st International Conference "Geological and Hydrogeological Hazards" 7 November 2025. Akademia Shkencave Shqiperise, Tirane **160.** **Rrapo Ormeni**, Serkan Öztürk, Klodian Skrame, Dionald Muçaj, Ismail Hoxha, Fatmir Nuhaj, Olgert Gjuzi (2025). "Current spatiotemporal features of seismicity along the Ohër–Korçë Fault Zone, Albania" 1st International Conference "Geological and Hydrogeological Hazards" 7 November 2025. Akademia Shkencave Shqiperise, Tirane **161.** Dionald Muçaj, **Rrapo Ormeni,** Olgert Gjuzi, Anita Berberi, Ethem Bejko, Klevis Shetley (2025). "Mitigating geological hazards in Durrës, Albania: The role of bedrock depth and site characterization" 1st International Conference "Geological and Hydrogeological Hazards" 7 November 2025. Akademia Shkencave Shqiperise, Tirane **162.** Olgert Gjuzi, Dionald Muçaj, **Rrapo Ormeni** (2025). "Electrometric investigation for groundwater detection in response to climate-induced water stress: The Lanabregas Case (Dajt, Albania)" 1st International Conference "Geological and Hydrogeological Hazards" 7 November 2025. Akademia Shkencave Shqiperise, Tirane **163.** Ethem Bejko, **Rrapo Ormeni,** Dionald Muçaj, Eduart Blloshmi, Bledar Sina (2025). "Coastal risk in the Vlora Bay (Vjosa Delta–Karaburun Peninsula), based on geodetic assessment of shoreline dynamics" 1st International Conference "Geological and Hydrogeological Hazards" 7 November 2025. Akademia Shkencave Shqiperise, Tirane **164.** Adisa Daberdini; **Rrapo Ormeni** (2025). "Tsunami warning systems and wave size extraction from computer simulations" 1st International Conference "Geological and Hydrogeological Hazards" 7 November 2025. Akademia Shkencave Shqiperise, Tirane **165.** Arben Pambuku, Entela Vako, Emeritus Sherif Lushaj, **Rrapo Ormeni,** Anita Berberi, Dhori Dapi, Stela Guxo, Ergest Nako, Mimosa Monka (2025). "Assessment of water quality of transboundary natural resources between albania and neighboring countries" 1st International Conference "Geological and Hydrogeological Hazards" 7 November 2025. Akademia Shkencave Shqiperise, Tirane **166.** **Rrapo Ormëni ,** Arjol Lule, Olgert Gjuzi, Dionald Muçaj (2025). "Seismicity Characteristics and Focal Mechanisms of the Ohrid–Korçë–Florina Region (1970–2025)" 1st International Conference on Geosciences, Energy, Natural Resources and Environment 7 November 2025. GENRE 2025. **167.** Hajri Haska. Neki Frashëri, **Rrapo Ormeni**, Adelajda Halili, Arben Pambuku, Ethem Bejko, Lorenc Zani, M.Koço , Ermelinda Dyrmishi, Olsi Miraçi , Ildo Trifoni (2025).. Ekosistemet vegjetacionale nen trysnine e fenomeneve detare dhe lumore si dhe humane ne rajonin Seman – Shkumbin. Forumi "Rezultate te Projekteve Mjedisore", Akademia e Shkencave, 5 dhjetor 2025, Tirane.

	168. **Rrapo Ormeni**, Hajri Hasko, Etem Bejko, Neki Frasheri, Arben Pambuku, Anita Berberi, Albana Hasimi, Adelajda Halili (2025).. Analiza e Parametrave Sizmotektonik te Zones bregdetare Seman-Shkumbin dhe me gjere. Forumi "Rezultate te Projekteve Mjedisore", Akademia e Shkencave, 5 dhjetor 2025, Tirane. **169.** Adelajda Halili, **Rrapo Ormëni**, Hajri Haska, Lorenc Zani, Neki Frashëri (2025). Aspekte të digitalizimit dhe hartëzimit të rajonit bregdetar Seman – Shkumbin dhe fenomeneve natyrore e humane prezente në zonë. Forumi "Rezultate te Projekteve Mjedisore", Akademia e Shkencave, 5 dhjetor 2025, Tirane**.** **170.** **Ormeni Rrapo,** Hoxha Ismail, Gjuzi Olgert, Mucaj Dionald; Gega Dashamir (2025). "The Most Active Tectonic Fault Zones in Albania During This Quarter of the 21st Century" per botom ne proceeding te konf. **ESEV** Earth Systems and Environment Journal Annual Meeting. 20-30 Aprile 2025. **Factor Impact.** Website: 2025.esev-meeting.org.
● **Scientific articles published in indexed journals (ISBN, Board Editorial and Impact Factor)**	**1. Rrapo Ormeni**, (**2004**). " Integration of Seisan System in practice of Albanian Seismological Network. "Journal" Seismological Studies' Institute of Seismology, Tirana 2004 **2. Rrapo Ormeni.,** Sh Shupleka, I Shinko. **(2005**). "Seismic activity of Albania during 2004 year" Journal" Seismological Studies' Institute of Seismology, Tirana 2005 **3. Rrapo Ormeni.,** etc. (**2005**). "Tropoja earthquake of 10 July 2005 " Journal " Seismological Studies' Institute of Seismology Tirana 2005 4. **Rrapo Ormeni (2006).** "Distribution of earthquakes foci with representative epicenter ". "Bulletin of Technical Sciences". Polytechnic University of Tirana **5**. **Rrapo Ormeni (2007).** "Vel- Albanides velocity model of the Albania Earth's crust". "Bulletin of Technical Sciences". Polytechnic University of Tirana, 2007 **6. Rrapo Ormeni (2007).** "Contrasts of zones velocities intersected by Transversal deep faults". "Geological Science Bulletin". Geological Survey of Albania, Tirana 2007. **7. Rrapo Ormeni.,** Sulstarova Eduard **(2007).** " 1D minimum velocity models in Albania seismogenic zones ". "AJNTS Journal". Academy of Sciences, Tirana, 2007 **8. Rrapo Ormeni (2008).** "Layers with low velocity of Albanian earth crust". "Geological Science Bulletin". Tirana Albanian Geological Survey, 2008. **9. Rrapo Ormeni (2008).** "Seismicity and its features in Albania and its surrounding 2007 ". Geological Science Bulletin. Tirana Albanian Geological Survey, 2008. **10**. **Rrapo Ormeni (2008).** "The strongest earthquakes of 2007 year and their generation zones". "Revista AJNTS". Akademia e Shkencave Tiranë 2008. **11**. **Ormeni Rr (2009).** "Crustal structure beneath the seismogenic zones and lateral velocity contrasts across deep faults of Albania" Journal of the Balkan Geophysical society, Vol 12, No.1, December 2009, p. 1-8

	12. **Rrapo Ormeni & Edmond Dushi (2009).** "Seismological characteristics of Korca earthquake 28 August 2008 ". Journal "Albanian oil" in 2009. **13**. **Rrapo Ormeni**, Edmond Dushi **(2009)**. "basic characteristics of Gjorica earthquake,September 6, 2009 (M5.4) "Bulletin of Geological Sciences, Albanian Geological Survey, Tirana 2009. **14. Ormeni Rr,** Dushi E, Koci R **(2009).** The Gjorica earthquake september 6, 2009 Albania (M5.4) **Newesletter EMSC**, Monteller France. December 2009. **15**. Öztürk S & O**rmeni Rr (2009).** "After-shock probability assessment for the earthquake of September 6, 2009, Albania, based on the Gutenberg-Richter and Modified Omori Formulae". **EMSC Newsletter**, December 2009 **16**. **Rrapo Ormeni**., (**2010**). "Main Features of Seismicity during 2009 year" The Journal "**Vitrina**" (SHLV), Tirana. **17**. **Ormeni Rr &** Shatro A (**2011**). "Geothermal energy of the crust in the area of Elbasan, The Journal "**Vitrina**" (SHLV), Tirana 2011 **18. Ormeni Rr &** Dushi E**. (2011).** "Study of nowdays seismic activity cross section fault segment of Elbasan-Dibra "**Bulletin of Geological Sciences**, Albanian Geological Survey, Tirana **19. Rrapo Ormeni., etc. (2011).** "Some features of seismic activity during 2011 in Albania "The Journal**, HSV**, Tirana **20. Ormeni. Rr (2011).** "P- & S-Wave Velocity Model of the crust and uppermost mantle of the Albania region" **ELSEVIER**, **JOURNAL TECTONOPHYSICS**, Vol 497, 2011. Pages 114-121. **Impact Factor, Scopus. Journal of Citation Report** **https://www.sciencedirect.com/journal/tectonophysics** **21**. **Ormeni. Rr**, Fundo. A, Nazaj. Sh, Shatro A, Kaza Gj, Basholli F **(2012).**" Lateral Velocity Contrasts Across Shkodra-Peje Deep Fault Zone of Albania" J. Int. Environmental Application & Science, "**JIEAS**" Selçuk University, Turkey, Vol 7, Issue 1, 2012 **22. Ormeni Rr** & Dushi E (2012). Some main aspects and features of seismic activity 2011. **Buletin of Geological Science**, Special Issue, Albanian Geological Survey, Tirane 2012. (BSHGJ) **23. Ormeni Rr**, Onuzi K, Bozo R (2012). "Analysis of feature of recently earthquakes occurred in Elbasani-Dibra seismogenic zone and its associated hazard". **Buletin of Geological Science,** Special Issue, Albanian Geological Survey, Tirane 2012. **24.** Kaza Gj, Beqiraj A, Gjonaj V, Doda V, **Ormeni. Rr (2012).**" Structural and Mineralogical features of the aquartz sulphur mineralization from the gabbroic massif of Kaptena" J. Int. Environmental Application & Science, "**JIEAS**" Selçuk University, Turkey Vol 7, Issue 2, 2012. **25**. **Ormeni Rr, & Milushi I (2012).** "Some features of Korca region seismic activity during this century" . **Buletin of Geological Science**, Special Issue, Albanian Geological Survey, Tirane 2012. **26**. **Rrapo Ormeni., Marenglen Bukli, Ardian Minarolli (2012).**" Disa karakteristika të aktivitetit sizmik gjatë vitit 2011 në Shqiperi" **Revista Vitrina**, SHLV, Tirane 2012.

27. Ormeni. Rr, Kociaj S, Fundo A, Daja Sh, Doda V (2013). "Moderate earthquakes in Albania during 2009 and their associated seismogenic zones", Italian Journal of Geosciences, Vol 132, Nr 2, 2013, Italy, **Impact Factor. Journal of Citation Report (Thomson Reuter), Scopus.** https://www.italianjournalofgeosciences.it/296/issue-3/Volume_132-2013-f2.html

28. Bidaj A **& Ormeni. Rr.,** et.al (2014). "Assessment of Seismoactive Layer and Aftershocks Probability in Elbasan-Dibra Urban Zone" J. Int. Environmental Application & Science, Vol. 9 (3): 435-439 (2014), Selçuk University, Turkey

29. Altin Bidaj, **Rrapo Ormeni**, Hektor Cullufi, Irakli Premti, Ervin Paci (2014) "Road Landslide Stabilization by using Hutchinson's Method". (IJIRSE) International Journal of Innovative Research in Science & Engineering, ***Impact factor***, ISSN 2347- 3207. www.ijirse.com

30. Marku S**, Ormeni Rr, (2014).** " The necessity of an anti-seismic law in Albania based on NDSHA method of risk calculation" **Buletini i Shkencave Gjeologjike,** Gjeologjike, Sherbimi Gjeologjik Shqiptar, Special Issue, Tirane

31. Shatro A, **Ormeni Rr** (2014). The Low-Velocity Layers, Thermal Water Sources, and Seismicity in the Elbasani Zone, Albania" J. Int. Environmental Application & Science,**JIEAS,** Vol. 9(1): 138-143 Turkey.

32. Shatro A, **Ormeni Rr** (2014). "Thermal water and compound earthquakes in the Elbasan-Dibra fault zone" **(IJIRSE)** International Journal of Innovative Research in Science & Engineering, , *Impact factor*, ISSN, 2014 www.ijirse.com

33. Ormeni Rr (2014). "Seismic tomography and earthquake mechanism Albania" **Buletini i Shkencave Gjeologjike**, Sherbimi Gjeologjik Shqiptar, Spe Issue, Tirane

34. Astrit Shatro, Kujtim Onuzi**, Rrapo Ormeni,** Gjergj Stoja **(2014).** " Hydrologi and geological data of 43 Korca Sheet" **Buletini i Shkencave Gjeologji** Sherbimi Gjeologjik Shqiptar, Special Issue, Tirane

35. Ormeni Rr (2014). " Some basic aspects of seismic activity in Albania dur 2013" **Buletini i Shkencave Gjeologjike**, Sherbimi Gjeologjik Shqiptar, Spe Issue, Tirane

36. Adisa Daberdini, **Rrapo Ormeni**., **(2015).** " Grneration of Tsunamy in Adriatic and Ionian Sea and their possible effect of marine ecosystem International Journal of Ecosystems and Ecology Science **(IJEES**), Albania

37.. Adisa Daberdini, **Rrapo Ormeni**., **(2016).** "Cunamet ne basenin e d Adriatik". **Revista Nafta Shqiptare**, Albpetrol, Fier 2016

38. Adisa Daberdini**, Rrapo Ormeni (2016).** " Mechanical wave earthquake-generated in Adriatic Sea". "**AKTET**", Journal of Institute of Alb-Shkenca, Albania

39..Daberdini A, **Ormeni Rr (2016).** " Scenarios and Tsunami Hazard Assessment of Tectonic Origin in the Ionian-Adriatic Seas" J. Int. Environmental Application & Science, **JIEAS**, Vol. 11(1), **Turkey**

	40. Fundo A**, Ormeni. Rr (2016).** "Some basic aspects of seismic activity during 2015 year", International Journal of Inovative Research in Science and Engeenering" **IJIRSE**,Vol. No.2, Issue 12, December 2016, Impact Factor. www.ijirse.com **41. Ormeni Rrapo**, Öztürk Serkan, Gjuzi Olgert **(2017).** "A statistical assessement of the earthquake activity in the Vlora-Lushnje-Elbasani-Dibra transversal fault zone, Albania" **JNTS,** Journal of Albanian Science Academy. **42.** Bozo Rr, **Ormeni Rr,** Gjuzi O **(2017**)." Fast Information Exchange and Evaluation of Macroseismic Field of Moderate 2017 Albanian Earthquakes" J. Int. Environmental Application & Science, **"JIEAS**" Selçuk University, Turkey, Vol 12, Issue 2, 2017 **43.Ormeni Rr**, Öztürk S, Fundo A, Kemal Ç **(2017).** "Spatial and temporal analysis of recent seismicity in different parts of the Vlora-Lushnja-Elbasani-Dibra Transversal Fault Zone, Albania" Austrian Journal of Earth Sciences, International Journal of the Austrian Geological Society, **Impact Factor** (**Thomson Reuters, JCR**). **Scopus.https://www.univie.ac.at/ajes/archive/volume_110_2/** **44. Ormeni Rr,** Gjuzi O, **(2018).** "Some main features of seismic activity in Albania during 2016" **Bulletin of Technical Science**, Polytechnic University of Tirana, Albania. **45. Ormeni Rr,** Öztürk S, **(2018).** "Aftershock analysis of October 15, 2016, Greece-Albania border region, Rodotopion-Earthquake based on the Gutenberg-Richter and modified Omori laws" **Bulletin of Technical Science**, Polytechnic University of Tirana, Albania. **46.** Bejko E, **Ormeni Rr** (2018). "Opportunities of aplication of advanced methods of surveing in monitoring the dynamics of riparian line Velipoj-Vlore in Albania". J. Int. Environmental Application & Science, "**JIEAS**", 2018, **47. Ormeni Rrapo & Öztürk Serkan (2018). "**A statistical analysis on the aftershock sequence for July 3rd , 2017, border region of Macedonia-Albania (M_L=5.0) earthquake: Aftershock probability evaluation" **JNTS,** Journal of Albanian Academy of Science. **48. Rr. Ormeni**, R. Koci, E. Dushi, A Minarolli, O Gjuzi, S Hajrullai, I Dushi. **(2019**) "Seria sizmike, ne zonen Korce-Ersek, qershor **2019**". Monthly Seismological Bulletin (ISSN), July 2019. Web. www.igeo.edu.al. **49. Ormeni Rrapo** & Öztürk Serkan (**2019**). "An aprasial on the aftersh characteristics of the July 4th , 2018, earthquake, M_L=5.1 near Durres, Albania (M_L=5.0) earthquake: Aftershock probability evaluati **JNTS,** Journal of Albanian Academy of Science. **50.** Bozo Rrezart & **Ormeni Rrapo (2020**). Evaluation of Macroseismic Field of 21 September 2019, Durres Earthquake in Albania. J. Int. Environmental Application & Science, "**JIEAS"**, 2020.Volume 15, Issue 3, pp 181-187 **51. Ormeni Rrapo** & Öztürk Serkan (2020). " A statistical study of the behavior of the aftershock sequence due to June 1, 2019 Korca (ML=5.3), southeastern Albania, earthquake. **JNTS**, Journal of Albanian Science Academy.

52. Öztürk S & **Ormeni Rr (2021).** An Evaluation on the Behaviors of Aftershock Sequence of November 26th, 2019 Earthquake, M_L=6.3, North of Durrës, Albania. Mus Alparslan University Journal of Science (MSU) J. of Sci., 9:1 817-826, 2021 Volume 9 , Issue 1, Pages 817 - 826.
https://doi.org/10.18586/msufbd.899411

53. Bozo Rezart & **Ormeni Rrapo (2021).** Basic Aspects of Seismic Activity in Albania and Its Surrounding Area During 2018 Year. Modern Environmental Science and Engineering (ISSN 2333-2581) April 2021, Volume 7, No. 4, pp. 394-39.Doi: 10.15341/mese(2333-2581)/04.07.2021/013 Academic Star Publishing Company, 2021 www.academicstar.us

54. Mihajevic J, **Ormeni Rr,** Bozo Rr **(2021).** Macroseismic Field Anisotropy of the M_L6.3 (Mw=6.4) Earthquake of 26 November 2019 in Durres, Albania. JNTS, Journal of Albanian Science Academy. No 52 / 2021 (XXVI),Pp 55-64.

55. Öztürk S & **Ormeni Rr (2021).** A comprehensive spatiotemporal evaluation of the current earthquake activity in different parts of the Frakull-Durrës fault zone, Albania. BALTICA Volume 34 Number 1 June 2021: 58–70. **Scopus, Impact Factor** (Thomson Reuters, JCR). https://doi.org/10.5200/baltica.2021.1.5

56. Mustafa Sh, **Ormeni Rr,** Smakiqi F, Peci N (2021). Seismic activity and seismotectonic characteristics from seismic source zones of Kosovo. . JNTS, Journal of Albanian Science Academy. No 52 / 2021 (XXVI),Pp 65-79.

57. Sokol Marku, **Rapo Ormeni** and Giuliano F. Panza **(2022).** "Seismic characterization of Tirana - Durrës - Lezha region (northwestern Albania) and analysis effort through NDSHA method". Earthquakes and sustainable infrastructure. Neodeterministic (NDSHA) aproch guarantes prevention rather than cure. **Scopus,** Elsevier. Elsevier.com/book and journals, 2021.

58. Rrapo Ormeni, Xhorda Kanani **(2022)**"Some Features of Seismicity in Bulqiza-Macukull Fault Zone During This Centur" European Journal of Environment and Earth Sciences. **DOI : 10.24018/EJGEO**) Volume-3, Issue-1, 2022, ISSN: 2684-446X www.ej-geo.org

59. Altin Bidaj , Huseyin Bilgin, Marjo Hysenlliu, Irakli Premti**, Rrapo Ormeni, (2022)** "Performance of URM structures under earthquake shakings: Validation using a template building structure by the 2019 Albanian earthquake". Journal, Research on Engineering Structures & Minerals. MIN Resarch Group, Impact Factor. Journal of Citation Report, Scopus**.** www.jresm.org

60. **Ormeni Rrapo**, Berberi Anita, Frasheri Neki, Hoxha Ismail, , Silo Erald (2022). "The serie of Korca earthquakes 2019 to 2020 (Mmax = 5.3) and its seismogenic zone The book: " Insight of Geosciences for hazard and education. Editor Florina Chitea. "CETATEA DE SCAUN"2022.

60. Ormeni, R., Hasimi, A., Como, E., Reci, H., Cela, G., Mucaj, D., & Gjuzi, O. **(2023).** Analysis of Seismicity in Elbasani Geothermal Zone during Five Last Decades. European Journal of Environment and Earth Sciences, 4(2), 1–5. https://doi.org/10.24018/ejgeo.2023.4.2.380
www.ej-geo.org

61. H Bilgin, M Leti, R Shehu, HB Özmen, AH Deringol, **R Ormeni** (2023) "Reflections from the 2019 Durrës Earthquakes: An Earthquake Engineering Evaluation for Masonry Typologies" **Impact Factor. Journal of Citation Report, Scopus.**
Journal Buildings 2023. *13*(9), 2227; https://doi.org/10.3390/buildings13092227
62. Ormeni Rrapo, Hasimi Albana, Como Elvin, Ndreko Dhurata. Hoxha Ismail, Bozo Rezart (2023) "Spatial Correlations Between P-wave Velocities Anomalies, Thermal Waters Sources and Seismicity Parameters in Elbasani Zone" J. Int. Environmental Application & Science, "JIEAS", 2023. Volume 18, Issue 4. https://dergipark.org.tr/en/pub/jieas/issue/81271/1334004
63. Elvin Çomo, Albana Hasimi, , Edlira Tako, **Rrapo Ormeni**, (2023) "Evaluation of Seasonal Distribution of Heavy Metals in the Water of Shkumbini River"International Journal of Environmental Science and Development (IJESD). **Scopus, Impact factor.** (Online), IJESD. http://www.ijesd.org/list
64. Rrapo Ormeni, Albana Hasimi, Serkan Öztürk, Ervin Çomo (2023) "Correlations between seismic b-value and heat flow density in Vlora-Lushnja-Elbasani-Dibra Fault Zone in Elbasani area, central Albania" *BALTICA Volume 36 Number 2 December 2023: 176–189:* **Impact factor 0.727, Scopus.**
https://baltica.gamtc.lt/en
65. E Çomo, E Tako, A Hasimi, **R Ormeni**, O Gjuzi, M Ndrita (2024) Physicochemical Characteristics and Usage Possibilities of Elbasan Thermal Water" International Journal of Energy and Environmental Engineering, 2024. Volume 18, Issue 1: 29-34: **Scopus, Impact factor, 2.8.**
https://link.springer.com/journal/40095
66. Malka, L., Dervishi, R., Malkaj, P., **Ormeni, R**., Cenaj, E. (2024) "Modelling and Assessing Environmental Impact in Transport to Meet the Sector's Climate Goals in 2050". WSEAS Transactions on Environment and Development., 2024, 20, pp. 350–364 **Impact factor, Scopus 1.7.**
https://www.wseas.com/journals/ead/index.php
67. Bozo Rezart **, Ormeni Rrapo ,** Silo Erald , Mucaj Donald, Hoxha Ismail, Naco Petraq, Gega Dashamir, Gjuzi Olgert. (2024) "Moderate Earthquakes of Korçë – Leskovik Seismogenic Zone in Albania during this century" Modern Environmental Science and Engineering ((MESE20241216-1) ISSN 2333-2581, USA
68. Marsed Leti , Altin Bidaj, **Rrapo Ormeni**, and Hüseyin Bilgin (2024). "Investigating the Seismic Performance of RC Buildings Using Nonlinear Incremental Dynamic Analysisé" Published: Springer Cham; eBook Packages: Engineering, Engineering (RO). **Impact factor, Scopus. Doi.org/10.1007/978-3-031-80597-4**. Published: 31 December 2024
69. Fatmir Basholli , Davron A. Juraev "Rrapo Ormeni (2024). Edukimi inxhinierik per inteligjencen artificiale dhe mesimin e makinerive nepermjet programit PYTHON" "Optime" Revistë shkencore e "Albanian University'', 2024, 2, 10xx-20xx. ISSN 2220 – 461X. https://albanica.al/optime/issue/archive ISSN 2220 – 461X.

	70. Rrapo Ormeni, Fatmir Basholli, A. Daberdini and Z. Sheikhaleslami (2024) " Sam aspekts of Albanian Seismicity 2022" Karshi Multidisciplinary International Scientific Journal 2024 Vol. 1(2) (2024), 125–131. ttps://kmisj.uz/index.php/kmisj/article/view/39/23 **71.** F . Basholli, **Rr. Ormeni,** M. Israr and Z. Sheikhaleslami (2025) "Applicqtion of ChatGpt in the education process" Karshi Multidisciplinary International Scientific Journal Vol. 1(2) (2024), 244–257. **72.** Elvin Çomo, Albana Hasimi, Blerina Papajani, Entela Vako, **Rrapo Ormeni** (2025) "Overview of fluvial processes in Mati River, Albania" International Journal of Ecosystems and Ecology Science (IJEES) Vol. 15 (6): 215-224 (2025) **Impact factor, Scopus.** https://doi.org/10.31407/ijees15.6. **73. Rrapo Ormeni,** Serkan Öztürk, Erald Silo, Rrezart Bozo, Ismail Hoxha, Dionald Mucaj (2025) "Spatial and temporal analysis of seismicity and seismotectonic parameters in Albania region" BALTICA Volume 38 Number 2 December 2025: 130–142. **Impact Factor, Scopus.** https://doi.org/10.5200/baltica.2025.2.2 **74. Rr. Ormeni,** F. Basholli, Davron A Juraev, H Bilgin, A Daberdini, " Analysis of seismic b-value and Burger gravity data in the Elbasani zone, Albania: Implications for tectonics" International Journal of Geosciences. https://dergipark.org.tr/en/pub/ijeg ISSN 2648-0960 **75. Ormeni Rrapo**, Öztürk Serkan, Piccardi Luigi, Hoxha Ismail, Vittori Eutizio, Pio Di Manna, Peci Naser, Mucaj Dionald, Gjuzi Olgert (2026). "Spatio-temporal seismicity analysis along active fault zones in Albania" **JNTS**, Journal of Albanian Science Academy. No 2 / 2025 **76.** Luigi Piccardi, Pio Di Manna, Eutizio Vittori, Ismail Hoxha**, Rrapo Ormeni,** Valerio Comerci, Anna Maria Blumetti, Gega Dashamir, Petraq Naco, Antonello D'Alessandro (2026). "Migrating earthquake sequences on major fault systems in southern and eastern Albania (1851 to 1942)". **JNTS**, Journal of Albanian Science Academy, Vol 1, 2026. **77**. Klodian Skramey, **Rrapo Ormeni** (2026) "Integrated Subsurface Modeling and Liquefaction Assessment of the Durrës Coastal Area Using CPTu and Active Seismic Methods in Support of Civil Emergency Planning" **JNTS**, Journal of Albanian Science Academy, Vol 1, 2026.
Published Books	**Scientific Book and Monography** 1. **Rrapo Ormeni** Earthquakes, the Extraordinary of the World. The publishing "Infbotues" **Tirana 1999**. 2. **Rrapo Ormeni** "Structure of P, S seismic wave velocities of the Albanian earth lithosferes and its seismoactive features. Monography "Kumi publications", **Tirana 2010.** **ISBN:978-99956-48-66-4.** 3. **Ormeni Rrapo** & Ozturk Serkan (2024) "The earthquake of November 26, 2019 and what can we learn" Published by: Academy of Sciences of Albania. **ISBN: 9789928809476.** Printed by: Filara **Tirana 2024**. 4. **Rrapo Ormeni (2025).** Selected Works in the Field of Seismology by

	Eduard Sulstarova. Four-Volume Series. Academy of Sciences of Albania, 2025.
Publications in newspapers	1. Series of articles published in media for earthquakes in Albania and its surroundings. Period of time 1985-2026 2. Articles for seismicity and seismic hazard zones in Albania 3. Series of articles published in media for strong earthquakes in world. Period of time 2008-2026
Participation in projects financing in Albania and abroad.	**1) 1983 – 2007**: **Participant in project** "Compiling of Albania earthquakes Bulletin". Interior Projects. Institute of Seismology **2) 2001 -2007: Participant of the Project** "Monitoring of Seismic activity in the country". Interior Projects. Institute of Seismology **3) 2008 -2014: Redactor in Chief** "Compiling of Albania seismologic network Bulletin" Interior Projects, Institute of Seismology **4) 2007-2008 :** Ormeni Rr., Albanian **Team leader** of project: SEE-ERA NET Pilot Joint Call – Network **"CoSEESNet"**: INTAS Reference Number 06-1000031-10004 International project under **FP-7** **5) 2010-2011: Head of the project** "Fundamental Research and Excellence" Ministry of Science and Education with theme: Study of Elbasan- Dibra sizmogenic zone through seismological methods " **6) 2011-2012:** Head of the project "Fundamental Research and Excellence" Ministry of Science and Education with theme: Study of Korce- Oher sizmogenic zone through seismological methods " **7) 2012-2016: Participant of the project** "Geologo-Geophysical and hazard study of planshet of some pilot in northern zones in Albania" Supply by Polytechnic University of Tirana **8) 2016-2017**: **Participant of the project "**Establishment of local seismic network and monitoring of seismic activity in oil zone of Patos-Marinëz" Supplay by Industry and Energy Ministry of Albania (MEI) (MEI). **9) 2005 -2019: Redactor in Chief**, Compiling of "Monthly Seismological Bulletin" " Supply by Institute of Seismology **10) 2017-2019: Participant of the project** "Geologo-Geophysical and hazard study of planshet of some pilot in southern zones in Albania" Supply by Polytechnic University of Tirana **11) 2019-2020. Participant of the project. "**Comparision between the Voskopoja Ophiolite and Ocean Crust Complex of Puka and Korabi, Albania: a geochemical, petrological and structural study"**.** S&T Cooperation Programme between the **Republic of Albania and the Republic of Austria** **12) 2020-2023: Participant of the project** "Geologo-Geophysical and hazard study of planshet of some pilot in southern zones in Albania" Supply by Polytechnic University of Tirana

	13) **2021-2023. Participant of the project** "Earthquakes, active tectonics and seismogenic sources in Albania: re-evaluation of current knowledge with focusing on the northwestern sector and estimate of impact on the hazard of the southern Adriatic-Ionian basin". A3. S&T Cooperation Programme between **CNR (Italy) and MASR (Albania)** (2021-2022) 14) **2022-2023**. **Head of project**. "Zonal and Temporal Assessment of Physical, Physicochemical and Seismic, Heat Leakage Parameters and Geothermal Energy Modeling in Elbasan Area" National Program for Research and Development (PKKZH), National Agency for Scientific Research and Innovation 2022-2023 15) **2023-2024. Participant of the project** "Model of the integrated energy system and energy transport. The role of gas and hydrogen energy in the long-term scenarios for Albania towards deep decarbonization in 2030". National Program for Research and Development (PKKZH), National Agency for Scientific Research and Innovation 2023-2024 16) **2024-2026**. **Head of project**. "Seismotectonic Model of Albania, ModSiz" Supply by Academy of Science of Albania (ASA) (2024-2026) 17) **2024-2026**. **Participant of the project**. "Seismic Assessment of the Reinforced Concrete Building Stock with a Focus on Residential Buildings in Albania" Supply by Academy of Science of Albania (ASA). (2024-2026) 18) **2024-2026**. **Participant of the project**. "Assessment of the dynamics of the coastline in the Seman-Shkumbin river region and assessment of impacts on natural ecosystems" Supply by Academy of Science of Albania (ASA). 19) **2024-2026. Participant of the project** "Quantitative and qualitative assessment of natural water resources in the cross-border areas of Albania-Montenegro-Kosovo-North Macedonia". National Program for Research and Development (PKKZH), National Agency for Scientific Research and Innovation 2024-2025. 20) **2024-2026. Participant in the project** "Assessment of the seismic risk of an active tectonic fault system for a safer life in Albania-Kosovo". Bilateral Project Albania-Kosovo. National Research and Development Program (NRDP), National Agency for Scientific Research and Innovation 2024-2025 21) **2025-2026. Drejtues i Projektit "**Geo-INQUIRE – Geosphere Infrastructure for Questions into Integrated Research**"** Financuar nga Komisioni Europian, 2025-2026 22) **2026-2028. Participant of the project.** "Mikrozonimi Sizmik i qytetit të Durrësit Bazuar në Metoda Sizmike" Supply by Academy of Science of Albania (ASA). (2026-2028) 23) **2026-2028. Participant of the project.** "Përforcimi sizmik i stokut të ndërtesave me muraturë në Shqipëri: një vlerësim krahasues i metodologjive" Supply by Academy of Science of Albania (ASA). (2026-2028) 24) **2026-2028. Participant of the project.** Risku sizmik i ndërtesave tip të sistemit arsimor dhe riaftësimi i tyre i integruar – mbështetur në gjetjet pas tërmetit të 26 nëntorit 2019 (AKKSHI) (2026-2028)

	25) 2026-2028. Participant of the project. Ndërtimi i një Strategjie/Plani Kombëtar për Mbrojtjen nga Radoni në Shqipëri (AKKSHI) (2026-2028)
Leading positions	**1.** Head of Central Seismological Station of Tirana 2000-2004 **2.** Head of Telemetry and Bulletins Sector 2005-2008 **3.** Head of Department of Seismology 2012-2014 **4.** Member of the Board of Directors of IGEWE 2012-2014 **5.** Member of the Senate of UPT, 2018-2020 6. Chairman of the board "Seismological Bulletin", ISSN: 2664 - 410X, 2018-2020 **7.** Member of the Commission for Evaluation of Academic Staff (KPPA) in UPT, 2019- 2022 **8.** Member of the Engineering Commission in Academy of Sciences, 2019-ongoing 9. Head of the Geology and Mining Editorial Team for the Albanian Encyclopedia **10.** Head of the Geosciences and Geoengineering Research Unit" 2023- ongoing **11.** Editor-in-Chief in the field of Geosciences, Journal of Natural and Technical Sciences, journal of the Academy of Sciences of Albania, 2026–present. **12.** Editor in the field of Geosciences, Gümüşhane University Journal of Science and Technology, 2026–present.
Other professional knowledge and skills	Knowledge and skills in teaching and research work in this subjects: ▪ Technical Physics ▪ Science of Earth and Environment ▪ Electromagnetic waves
Fundamental and applicative scientific studies	**1.** Distribution of earthquakes in Albania and its surroundings. 2003 – 2004, Tirana. **2.** Integration of Seisan System in practice of Albanian Seismological Network 2002 - 2003, Tirana. **3.** Study of the Albanian earthquakes with representative epicenters, 2003 - 2006, Tirana **4.** The general model of the earth's crust construction and its seismoactive features by seismological data. 2004 - 2007, Tirana. **5.** Annual seismic activity in Albania and its surrounding. 2004 - 2015, Tirana. **6.** Integration of Atlas Programme for presentation of the epicenter of earthquakes in detailed maps, Tirana, Albania, 2008-2009. **7.** Structure of seismic wave velocities in the litosfere of Albanian earth. 2007-2010,Tirana **8.** Study of sizmoactive layer of the Albanian earth crust. 2011-ongoing, Tirana **9.** Studies of earthquakes typology and probability of aftershocks series. 2009-ongoing, Tirana **10.** Sizmotectonic study of the east and northwest zones of the Albania, 2010-2013

	11. Features of earth-crust and geothermal sources in the Elbasani zone, 2011-2016 **12.** Tsunamis and tsunamogenic zones in Adriatic and Ionian seas, 2012-2016 **13.** Spatial and temporial study of b-coefficient (b-value), 2015-ongoing **14.** Study of Regional Macroseismic Intensity 2017-ongoing **15**. Seismotectonic and seismic hazard study of northeastern zone of Albania 2019 16. Seismotectonic and seismic risk study of the southeastern area of Albania 2019-2020 **17.** The study of the earthquake on November 26 and the analysis of the seismic parameters of the western-northwestern area of Albania 2020-continued **18.** Study of seismic parameters and correlations to physics parameters in Geothermal Zones
Review for scientific articles published	**-In the country** **1.** (2013) " Study of seismic hazard of one urban zone according" Buletini of Technical Science, Polytechnic University of Tirana (PUT) **2.** (2013) "Seismic computing underground construction" Review of Doctoral thesis, FIN, Buletini of Technical Science, Polytechnic University of Tirana (PUT) **3.** (2014) "Surface seismic wave and their application in civil engineering" Review teaching text, FGJM, Polytechnic University of Tirana (PUT) **4**. (2015) "Analysing of the soil structure interaction inflyence in the bridge piled foundation seismic design" Journal JNTS, Academy of Science. Tirana **5.** (2016) "Application of Differential Interferometry for Analysis of Ground Movements in Albania" Journal JNTS, Academy of Science. Tirana **6.** (2016) "Application of Remote Sensing for the Analysi of Environmental Changes in Albania" Journal JNTS, Academy of Science. Tirana **7.** (2018) "Rilevimet dhe 3D modelim by lazer scanne of monumental objects" Bulletin of Technical Science, Polytechnic University of Tirana, Albania. **8.** (2025) "Near Real Time Moment Tensor Processing and Validation in the Adria–Albanian Orogenic Contact: An Operational Framework on the Albanian Broadband Seismic Network"Revista JNTS. **9. (2025)** Coseismic stress in the 2019 durrës seismic sequence: tensor results and early aftershock adjustment. Revista JNTS. -**Abroad the country** **1.** (2012) "The Main Geological Features of the Bajgore – Kacandoll Area (Vardar Tectonic Unit), Kosovo" . review for Journal of International Environmental Application & Science (JIEAS), Turkey **2.** (2012) "Olivine Deposit of Çabrati, Tropoja Ultramaphic Massif, Albania". review for Journal of International Environmental Application & Science (JIEAS), Turkey

	3, (2013) "System Suggestions for Hypocentre Location using Tabular Data with some Illustrative Results". review for Journal of Computer Engineering and Informatics (JCEI). World Academic Publishing Company **4.** (2014) "Re-processing of 2D seismic data from Razzak oil field, Western Desert, Egypt" Journal of Environmental Engineering Research, Egypt **5.** (2016) "Better understanding Masonry buildings behavior in earthquake" International Invention Journal Engimeering Science and Technology (IIJEST) **6.** (2016) One Dimensional P wave velocity structure of Java island using local and regional earthquakes inversion." Journal of Earthquake Science 7.(2022)) "One Dimensional crustal structure of Albania" Dushi E, Haskov J. Journal, Annal of Geophysics, Instituto Nazionale di Geofisica e Vulcanologia (INGV). e indeksuar në Scopus, **8.** (2023) "Seismological aspects of the Mw 7.8, 6th February 2023, Turkey/Syria earthquake and its aftershocks: Causes and consequence" submitted to the Springer's upcoming book "Seismotectonics of the East Mediterranean-Red Sea region" that will be published in ASTI Springer's series. e indeksuar në Scopus, **9.** (2024) Atınç Pırtı "Investigations of the effect of Mw7.8 and Mw7.5 Kahramanmaras earthquake on south-east region (Bitlis- Zagros Fold-thrust belt) of Turkey". Baltic Journal, e indeksuar në Scopus, **10**. (2024) Investigation of the Earthquake (Michoacan-Colima) in Mexica (19.09.2022) by Using GNSS Station and INSAR Observations" Baltic Journal **11.** (2024) "Re-Evaluation of b-value Distributions in the Fethiye-Burdur Fault Zone (FBFZ), Southwest Türkiye, for the Period 2012-2024: b-value Distributions in the Fethiye-Burdur Fault Zone" Revista "Geofísica Internacional" e indeksuar në Scopus, **12**. (2026) Seismic Velocity Anisotropy of Amphibolites from the Iznik Metamorphic Group under 150mpa Pressure. Geofisica Internacional Journal. e indeksuar në Scopus,
Organizim i aktiviteteve shkencore	1. **The International Scientific Conference** "Geosciences and Earthquake Engineering – Challenges for the Balkan Region (with a focus on the November 26, 2019 earthquake)", held on November 26, 2020, in Tirana. 2. **International Scientific Forum / Symposium**: "Geothermal Capacities and Seismicity Parameters of the Elbasan Area – Identification and Approach through EU Green Energy Policies", Albanian Academy of Science, May 30, 2023, Tirana. 3. **International Scientific Symposium:** Geodetic Monitoring of Coastal Line Dynamics (Study Area: Divjaka-Karavasta). Albanian Academy of Science, November 1, 2023, Tirana. 4. **National Scientific Conference**: "First National Conference on Geoengineering of Surface and Groundwater in the Republic of Albania – Alternatives for Their Preservation and Sustainable Management", Albanian Academy of Science, March 29–30, 2024, Tirana. 5. **International Scientific Forum:** "Geological-seismic study of the Kurbnesh-Kukës – Prizren and Shkodër – Peja transverse tectonic fault

	zones and seismic risk assessments for a safer life"22 May 2024, at the University of Mitrovica "Isa Boletini" (UMIB) 6. **Promotion of the book** "THE EARTHQUAKE OF NOVEMBER 26, 2029, AND WHAT CAN WE LEARN", held on November 11, 2024, at the Academy of Sciences. 7. **International Scientific Forum:** "On Disaster Risk Assessment/Management of Albanian Cultural Heritage (Southwestern Balkans).21 November 2024, at the Academy of Sciences 8. **International Scientific Conference**: Climate Change and Water – Together to Close the Early Warning Gap. Albanian Academy of Science, March 25, 2025, Tirana. 9. **Scientific Seminar:** Analysis of data and field observations within the framework of the study "The Seismotectonic Model of Albania".December 8, 2024, at the Academy of Sciences. 10. **Workshop**: "The coastal region between the Seman and Shkumbin rivers: current conditions, problems, and future challenges". Topojë, Fier, December 20, 2024. 11. **International Academic Forum**: "Seismic Risk and Its Reduction" 12 June 2025 12. **International Academic Forum:** "Active Tectonics and Seismic Sources for Seismotectonic Modeling in Albania". 23 September 2025 13. **Round Table:** "Assessment of Seismic Sources in Albania" 25 September 2025 14. **Round Table:** "Characterization of Liquefaction Sites and Critical Infrastructure Using the Seismic Network".21 October 2025 15. **First International Conference:** "Geological and Hydrogeological Hazards". Tirana 7 November 2025 16. **Promotion** of the Scientific Book Series Selected Works in Seismology (4 Volumes), by Eduard Sulstarova. Tirana 15 January 2026. 17. 1st International Conference on Built Environment — ICBE 2026. **Tirana 8-9May 2026.** 18. **Round Table:** Identification of Areas of Common Research Interest in the Geosciences. Prishtina 18-19June 2026.
Teaching experience	**2007-2008** Seminars in the subject of Seismology - Geophysical Branch, Bachelor, Faculty of Geology and Mining, Polytechnic University of Tirana (PUT) **2008-2009** 1. Lectures on the subject of Geodynamic-Quaternary Geology-Master of Engineering Geology, Year IV, Faculty of Geology and Mining (Master level I), (PUT) 2. Seminars and laboratory work on the subject of physics - Information Technology Branch Year IFaculty of information-Technology (PUT) **2009-2010**

	1. Lectures in the subject of Geological Hazards, Bachelor, Faculty of Geology and Mining (PUT), 2. Seminars on the subject of physics - Construction Branch I, Faculty of Construction Engineering (PUT) **2010-2011** 1. Lections and seminars, the subject of physics the Faculty of Construction Engineering (PUT) 2. Lectures , the subject of physics, Bachelor, Faculty of Education, Vitrina University (VU). 3. Lectures on the subject of physics, Electrical Branch, Bachelor II, Faculty of Electronic Engineering, Vitrina University of Tirana (VUT) **2011-2012 Year** 1. Lectures on the subject of Physics, Faculty of Geology and Mining (PUT) 2. Seminars on the subject Physic, Faculty of construction Engineering (PUT) 3. Lections on the subject electromagnetic waves, Bachelor III, Faculty of Electronic Engineering (VUT) 4. Lectures on subject of electronic materials physics, Master, Faculty of Electronic Engineering (VU) 5. Lectures on subject of Electromagnetic waves and Environment, Master, Faculty of Electronic Engineering (VUT) **2012-2013** 1. Lectures on the subject of Physics, Bachelor, the Faculty of Geology and Mining (PUT) 2. Lectures on subject of Physics of Electronic Materials, Master, Faculty of Electronic Engineering (VUT) **2013-2014** 1. Lectures on the subject of Physics, Bachelor, the Faculty of Geology and Mining (PUT) 2. Lectures on subject of Physics of Electronic Materials, Master, Faculty of Electronic Engineering (VUT) **2014-2015** 1. Lectures on the subject of Physics, Bachelor, the Faculty of Geology and Mining (PUT) **2015-2016** 1. Lectures on the subject of Physics, Bachelor, the Faculty of Civil Construction (PUT) **2016-2017** 1Lectures on the subject of Physics, Bachelor, the Faculty of Civil Construction (PUT) **2017-2018** 1. Lectures on the subject of Physics, Bachelor, the Faculty of Civil Construction (PUT) **2018-2019** 1. Lectures on the subject of Physics, Bachelor, Faculty of Civil Construction (PUT)

	2019-2020 Year 1. Lectures on the subject of Physics, Bachelor, the Faculty of Civil Construction (PUT) 2. Lectures on the subject of Physics of Earthquakes, Master of Science, Faculty of Mathematical Engineering and Physical Engineering. (PUT) **2020-2021 Year** 1. Lectures on the subject of Physics of Earthquakes, Master of Science, Faculty of Mathematical Engineering and Physical Engineering. (PUT) **2020-2021 Year** 1. Lectures on the subject of Physics of Earthquakes, Master of Science, Faculty of Mathematical Engineering and Physical Engineering. (PUT) **2021-2022 Year** 1. Lectures on the subject of Physics of Earthquakes, Master of Science, Faculty of Mathematical Engineering and Physical Engineering. (PUT) **2022-2023 Year** 1. Lectures on the subject of Physics of Earthquakes, Master of Science, Faculty of Mathematical Engineering and Physical Engineering. (PUT) **3. 2023-2024 Year** Lectures on the subject of Physics of Earthquakes, Master of Science, Faculty of Mathematical Engineering and Physical Engineering. (PUT)
Diploma Guidance	- First Level Degree (FLD) (2007-2008) - First Level Degree (FLD) (2008-2009) - First Level Degree (FLD) (2009-2010) - First and Second Level Degree (FLD + SLD) (2010-2011) - First and Second Level Degree (FLD + SLD) (2011-2012) - Second Level Degree (SLD) (2012-2013) - Second Level Degree (SLD) (2012-2013) - Second Level Degree (SLD) (2013-2014) - Second Level Degree (SLD) (2014-2015) - Second Level Degree (SLD) (2015-2016) - Second Level Degree (SLD) (2016-2017) - Second Level Degree (SLD) (2017-2018) - Second Level Degree (SLD) (2018-2019) - Second Level Degree (SLD) (2019-2020) - Second Level Degree (SLD) (2020-2021) - Second Level Degree (SLD) (2021-2022) - Second Level Degree (SLD) (2022-2023)
Doctorate Leadership (Ph.D)	**1) Leadership** of doctoral thesis in Physics field with title "*Features of earth's crust and geothermal sources in the Elbasan zone*", Faculty of Mathematical Engineering and Physical Engineering, PUT, (2012 -2016) **2) Leadership** of doctoral thesis in Physics field with title: "*Tsunamis and tsunamogenic zones in Adriatic and Ionian Seas*", Faculty of Mathematical Engineering and Physical Engineering, PUT, (2011 –2016)

Scientific unions	**1.** Union of Albanian Geophysics **2.** Union of Albanian Geology **3.** European Geosciences Union (EGU) **4.** European Mediterranean Seismology Center (EMSC) **5.** Earthquakes and the Earth's internal structure (IASPEI) **6.** Capacity Building and Education Committee, The International Union of Geodesy and Geophysics (IUGG) **7.** Balkan Geophysics Society
Tirana 27.09.2026	**Acad. Assoc. Prof. Dr. Rrapo Ormeni** **Seismologist (Physicist) Seismology Department,** **Institute of Geosciences (IGEO)** **Polytechnic University of TIRANA** **Address: Rr "Don Bosko" Nr. 60 Tirana, ALBANIA** **tel: +355 68 26 28 492** **e-mail: rrapo55@yahoo.com** **Signature**