

Emër Mbiemër: **Ilirjan Malollari**  
Datëlindje: **28.09.1956**  
Vendlindje: **Korçë**  
Viti i zgjedhjes: **2009**  
Seksioni: **Seksioni i shkencave natyrore dhe teknike**  
**Gjuhët:** **Anglisht, frëngjisht, greqisht, rusisht, italisht**



#### **Kontakt**

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#### **CV e shkurtër**

##### **GRADUATE EDUCATION**

1976-1981 Graduate at the Industrial Chemistry branch of the Tirana University, Albania.  
1984-1992 **Candidate of science (C.Sc.)** in Chemical Engineering Sciences.  
1987-1988 Full-time, one year postgraduate Course in Chemical Engineering & Design.  
1993 Award the "**Doctor of sciences**" degree.  
1997 Award the "**Assistant Professor**" title.  
2002 Award the "**Professor**" Title  
08.12.2009 Award "**Academician associated**" title

##### **PROFESSIONAL EXPERIENCE**

8/1981- 12/1982 Chemical Analysts in the Central Laboratory.  
1/1982- 6/1987 At first production Engineer and then member of the Technological Staff chemical Plant.  
Considerable experience in Organic Synthesis ; Physico-Chemical Processes of Wastes & Effluents Treat; Engineering Design of Unit Operation's equipment;  
9/1990-7/1991 Teaching in Pneumatic Transportation of granular materials, (Postuniversity Level Course).  
2/1989-8/1993 C.Sc., Lecturer in the Food Chemical Engineering Department of the Faculty of Natural Sciences, Tirana University, in the Subjects: a) Transport Phenomena in Food and Industrial Chem. Processes, b) Automatic Process Control in Industry.  
8/1993-12/1993 Updating & Retraining Course in the Laboratory of Inorganic and Analytic Chemistry of the Chemical Engineering Department of Patras University, GREECE.

- 12/1997-2/1998 Scientific research within the framework of the NATO Science for Peace Fellowships Programme.
- 6/2001 –8/2001 Scientific cooperation and research with University of Bari Italy Dept. of Chemistry, within the Interreg II Programme;
- 3/2003 – 5/2003 Scientific cooperation and research with Institute of Chem Eng and High Temp. Processes, Patras Greece;
- 7/2003 – 10/2003 Participation in Associate Programme for PCW Convention (OPCW Hague-Netherlands, University of Surrey-England; Enichem Industrial Milano-Sardegna: Italy).

### COMPUTER EXPERIENCE

Languages: BASIC, FORTRAN, MATLAB; Familiarized with most usable Software like:

OFFICE , LOTUS, Write Processors, STATS., ASPEN TECH, PRO II, DATABASES, Engineering Microsoft's etc.

### AREAS OF INTEREST

- Environmental Pollution Control,
- Environmental Protection technology and engineering
- Chemical Reaction Engineering;
- Modelling, Simulation and Optimization of Chemical and Biochemical processes;
- Automatic Process Control
- Agro-Food Treatment, Technology and engineering Design
- Crystallisation and Precipitation from solutions ;
- Chemical Engineering: Design, and related.
- Biomass Treatment for Energy profit from Solid and Liquid Organic wastes
- Unit Operation & Plant Design
- Soil Consolidation

**FOREIGN LANGUAGES** *English, french and greek (very good), (diploma), russian and italian ( good ).*

### PROFESSIONAL SOCIETIES

- President of Albanian Chemists Society;
- Vice President of the MESAEP (Mediterranean Scientific Association of Environmental Protection)
- Member of the International Committee of Fray International Symposium  
[www.flogen.com/FraySymposium](http://www.flogen.com/FraySymposium), USA
- Member of the International Academy of the Environmental Sciences;
- Member of the Environmental Protection Society of Albania;
- Head of National Bureau of the Balkan Environmental Association. (B.EN.A)
- Member of the Albanian Society for Clean Energies;
- Member of IUPAC (Union of Pure and Applied Chemistry);
- Member of FECS (Federation of European Chemical Societies).

**Publikime: 2015**

**Books:**

1. **I. Malollari**, H.Manaj, A.Dhroso, *Bazat e Transferimit në Proceset Kimike (Transfer Basics in Chemical Processes)*, INFBOTUES, Tirana 2015, p.290, ISBN: 978-9928-173-25-6
2. H.Manaj, **I.Malollari**, Dh.Koraj, "Njehsime në Inxhinierinë Kimike" (*Calculation and Applications in Chemical Engineering*), INFBOTUES, Tirana 2015, p.330, ISBN: 978-9928-173-24-9
3. L.Xhagolli, **I.Malollari**, "Inxhinieria e Proceseve Biokimike" (*Biochemical Process Engineering*), ONUFRI, Tiranë 2015, p.356, ISBN: 978-9928-186-44-7

#### Papers:

1. M. Kerolli-Mustafa<sup>a</sup>, V. Lajqi-Makolli<sup>b,h</sup>, S. Berisha-Shala<sup>c</sup>, L. Latifi<sup>d</sup>, **I. Malollari**<sup>h</sup> "Biomass and biofuel overview: a global sustainability challenge" *Journal of Environmental Protection and Ecology* 16, No 1, (2015)
2. V.Lajqi Makolli, M.Kerolli Mustafa, **I.Malollari**, J.Lajqi, "Migration of di(2-ethylhexyl)adipate (DEHA) and acetyl tributyl citrate (ATBC) plasticizers from PVC film into the food stimulant ofisooctane", *Mat.-wiss.u. Werkstofftech.*, 2015, 46, No.1, 16-25, , [www.wiley-vch.de/home/muw](http://www.wiley-vch.de/home/muw)
3. F.Vila, **I.Malollari**, F.Ylli, F.Mandija, Dh.Koraj, "Vlerësimi i parametrave dhe fenomeneve të ndotësve të ajrit dhe impaktet në mjedis", Përmlledhje studimesh për Programet Kombëtare të Kërkimit dhe Zhvillimit për vitet 2010-2014, vëllimi I, 139-148, Tiranë 2015, ISBN: 978-9928-4169-8-8
4. Shehu E., **Malollari I.**, Identifikimi i mbetjeve plastike urbane me anën e testit të vetive fizike, kimike, mekanike dhe termike të tyre", Përmlledhje studimesh për Programet Kombëtare të Kërkimit dhe Zhvillimit për vitet 2010-2014, vëllimi I, 185-193,Tiranë 2015, ISBN: 978-9928-4169-8-8

#### 2014

##### Books

1. **I. Malollari**, L.Xhagolli, *Inxhinieria e Reaksioneve Kimike*", (Chemical Reaction Engineering), INFBOTUES, Tirana 2014, p.218, ISBN: 978-9928-173-13-3
2. **Malollari, I.**, Manaj H., Dhroso A., *Handbook of Chemical engineering*, INFBOTUES, Tirana 2014, 343p., ISBN:978-9928-113-269

##### Papers:

1. Dhurata Premti, **Ilirjan Malollari**, " Concentration trends of primary air pollutants, their photochemical transformations and environmental impact", *Journal of Natural and Technical Sciences*, 2014, Vol.XIX (1), 33-41
2. F. Gjyriqi, **I. Malollari**, P. Hoxha, L. Xhagolli, B. Seiti, P. Kotori, " Improvement of environmental quality through optimization of the operational parameters during agro-food residues treatment", *International Journal of Ecosystems and Ecology Sciences (IJEES)* Vol. 4 (4): 693-700 (2014), ISSN: 2224-4980
3. B.Baruti, **I.Malollari**, S.Ferati, N.Lajqi, S.Hoda, M.Kelmendi, F.Dobroshi, P.Hoxha, "Environmental impact of wastewater discharged from Kosovo thermal power plants into the Sitnica river", *Journal of Environmental Protection and Ecology*, Vol 15, No.3, 819-825 (2014) ISSN: 1311-5065
4. Dhroso A., **Malollari I.**, Manaj H., Saliko Xh. "Studimi i kompostimit anaerobik i mbetjeve organike të gjelbra, nën kushte termofilike dhe mesofilike", "*Buletini i Shkencave të Natyrës*", Nr.18, 207-215, 2014
5. Greta Angjeli, Mirela Lika (Çekani), **Ilirjan Malollari**, "Statistical evaluation of microbiologically water contamination in Shëngjin beach, Albania", *Journal of Environmental Protection and Ecology* 15, No 4, 1594-1602 (2014)

6. Petrit Kotori\*, Yllka Kotori\*\*, **Ilirjan Malollari\*\*\***, "Community Health Disorders In Mercury-Contaminated Area In Vlora, Albania", *Journal of Environmental Protection and Ecology* 16, No 1, (2015)
7. Dhroso A., **Malollari I.**, Manaj H., "Studim për Modelimin e Procesit Të Pirofizës së Mbetjeve Organike Agro-Pyjore të Vendit", *Buletini i Shkencave të Natyrës*, Nr.18, 199-206, 2014
8. Buzo R., **Malollari I.** Modelimi dhe aplikimi praktik i procesit të mikro-oksigenimit të verës, *Buletini i Shkencave të Natyrës*, Nr.17, 172-183, 2014
9. Lika (Cekani), M., **Malollari, I.**, Lajqi, V. " Microbiological contamination water and vegetable food as risk factor for human population" *Journal of Environmental Protection and Ecology* 15, No 2, 764–770 (2014)
10. Neziri, A., **Malollari, I.**, Laho, E." Persistent organic pollutants in the Buna river basin ground waters (Albania)" , *Journal of Environmental Protection and Ecology* 15, No 2, 405-411 (2014)
11. V.Lajqi Makolli, **I.Malollari**, R.Buzo, " Migration process of some chemicals identified through food packaging FTIR analysis", *Journal of Environmental Protection and Ecology* 15, No 1, 169–176 (2014)
12. Blerim Baruti, **Ilirjan Malollari**, Nushe Lajçi, Milaim Sadiku, Sadije Nikshiq-Kadriu, Mehush Aliu. Blerim Syla, "Assessment of noise pollution risk at hotels in Mitrovica-Kosova", *Journal of Environmental Protection and Ecology* 15, No 4, 15191525 (2014)
13. Redi Buzo, **Ilirjan Malollari**, Violeta Lajqi, Mirela Lika (Cekani), "Chemical and physical arrangements and ecological impact on red wine micro oxygenation", *Journal of Environmental Protection and Ecology* 15, No 2, 616-622 (2014)
14. Dhurata Premti, **Ilirjan Malollari**, "Evaluation of Air Pollutants Concentrations Status through Passive Tube Sampling method in Albania", *International Refereed Journal of Engineering and Science (IRJES); ISSN (Online) 2319-183X, (Print) 2319-1821 Volume 3, Issue 5(2014), PP.72-76*

## 2013

### Books

1. **Malollari I.**, Dodbiba P., Xhagolli L., Manaj H., Dhroso A., *Laboratory practices in chemical engineering*", *INFBOTUES, Tirana 2013, 287 f.,ISBN: 978-9928-173-05-8*

### Papers:

1. A.Neziri, **I. Malollari**, E. Laho, S. Golemi "Underground Water Contamination By Organochlorine Pesticide Residues In The Shkodra Region (Albania)" *Journal of Environmental Protection and Ecology* 14, No 3, 851–855 (2013)"
2. Blerim Baruti, **Ilirjan Malollari**, Nushe Lajci, Selver Hoda, Mensur Kelmendi, Ismet Muliqi, Milaim Sadiku, Sadri Ferati, Azem Rexhaj "Survey of the Impact from Different Factors on the Quality of Groundwater in Istog Region-Kosovo", *ANGLISTICUM Journal, International Journal of Literature, Linguistics & Interdisciplinary Studies, Volume 2 Number 6, December 2013, GIF(0.802), ISSN : 18578179 , p-ISSN: 1857-8187, p. 56-60*
3. F. Gjyriqi, **I. Malollari**, L. Xhagolli, H. Manaj, A. Dhroso, Dh. Koraj, P. Kotori, A. Bekteshi , Agro-Forestry and Animal Residuals Treatment for Biomass to Energy and Environment Challenges for Albania, *Journal of International Environmental Application & Science*, Vol. 8(4): 524-532 (2013)
4. H. Manaj\*, **I. Malollari**, A. Dhroso, "Modeling of CO<sub>2</sub> Capture Process With Aqueous Ammonia Solutions" *Journal of International Environmental Application and Science*, ISSN: 1307-0428, Vol.8(3),474-479, 2013
5. A.Vitaku, B.Baruti, **I. Malollari**, F.Shala " Impact of Polluted Acidic Waters Discharged from Trepca Zn-Pb Mines, Kosovo, on the pollution of Cross boarder Rivers in the region", *Journal of Environmental Protection and Ecology*, Vol 14, No.1,29-34, (2013)

6. B.Seiti, D.Topi, **I.Malollari**, K.Xhaxhiu, S.Drushku, F.Shehu, "Crude oil wastes recycling, the economical and environmental outcomes, a case study" *Journal of Environmental Protection and Ecology*, Vol 14, No.1, 99-107 (2013)
7. B.Baruti, B.Mustafa, **I.Malollari**, E.O'Brien, F.Kongoli, M.Kelmendi, M.Sylaj, "Opportunities of solar energy use in Kosovo", *Fray International Symposium*, Proceedings Vol.5, 333-340, Flogen Technologies, San Diego, USA, 2011
8. B.Baruti, B.Mustafa, **I.Malollari**, F.Kongoli, M.Kelmendi, "Effects of air pollution from industrial sources in Kosovo", *Fray International Symposium*, Proceedings Vol.5, 341, Flogen Technologies, San Diego, USA, 2011
9. H. Manaj, **I. Malollari**, A. Dhroso "Modeling of CO<sub>2</sub> Capture Process with Aqueous Ammonia Solutions", *Journal of International Environmental Application & Science*, Vol. 8(3): 474-479 (2013)
10. Violeta Lajqi Makolli, **Ilirian Malollari**, Eldi Liço, Mihone Kerolli "Some Results on FT-IR Analysis of Various Food Packaging Polymers", *J. Int. Environmental Application & Science*, Vol. 8(3): 430-434 (2013)
11. A. Nezir, **I. Malollari**, "Increasing the Pollution Control in Natural Waters by Automation the Sampling Technology and Laboratory Analyses in Combination with Spot Water Sampling" *Automation in Mining, Mineral and Metal Processing, 2013, Volume # 15 | Part# 1, (DOI) 10.3182/20130825-4-US-2038.00031, p. 455-458* Mission Bay, San Diego, United States of America
12. V. Lajqi Makolli, **I. Malollari**, M. Lika (Cekani), *Study of Various Environmental Changes Impact On Packaged Food Safety*, *International Journal of Ecosystems and Ecology Science (IJEES)*, ISSN: 2224-4980, Volume 3, Issue 4, September, 2013, (Serial Number 12)p. 719-724

## 2012

### Books

1. Xhangolli L., **Malollari I.**, "Automatic Process Control", 340 f. Onufri, Tiranë 2012

### Papers:

1. **I. Malollari**, A. Bacu, A. Bekteshi, F. Babani, S. Uku. Nutrition Factors of the Shkodra Lake Waters and Their Distribution. *Journal of Environmental Protection and Ecology* Vol 13, No.2 (2012) ,532 <http://www.jepe-journal.info/journal-content>
2. **I.Malollari**, A.Bacu, S.Drushku, L.Xhagolli, H.Manaj, A.Dhroso, Dh.Koraj, S.Uku, T.Floqi, A.Bekteshi, P.Kotori, "Organizational set-p for an effective organic waste management system for energy profit", *Proceedings: Sustainable Landscape Planning and safe Environment, Istanbul, June 2012, p.581-594, ISBN:9789755614212*
3. M. Alushllari, N.Civici, **I.Malollari**, A.Deda, Shpërndarja e metaleve të rënda në mostrat e ajrit në qytetet Elbasan dhe Tiranë", *Kërkime Universitare, Matematika dhe Shkencat e Natyrës* 35 (2012), 127-136, ISSN 2226-082X
4. V. Lajqi, **I. Malollari**, A.Hoxha, N. Sheqerxhi, "Study on chemical migration from plastic packaging into food products during their shelflife" *Buletin of NS*, 13, 2012, fq.82
5. A.Dhroso, **I. Malollari**, H.Manaj, Dh.Koraj, "Identification of some agro forestry organic residues, their characterization and treatment for composting", *Buletin of NS*, Nr.15, 2013, fq.245-253 (in Albanian)
6. F.Gjyriqi, **I. Malollari**, "An optimal thermo-chemical method for agroforestry residues treatment usage for energy generation", *Buletin of NS*, Nr.16, 2013, fq.247-255 (in Albanian)
7. R,Buzo, **I. Malollari**, "Generation of a mathematical method for the wine microoxygenation process involving mass transfer coefficients, Book of Abstracts *Buletin of NS*, 13, 2012, fq.89
8. S.Makolli, V.Lajqi, K.Dollani, I.Malollari, K.Berisha," Radon Concentration in some buildings in Pristine, Kosovo, *J. Int. Environmental Application & Science*, Vol. 7(4): 673-679 (2012)

9. B.Baruti, N.Lajqi, B.Mustafa, **I.Malollari**, N.Peci, M.Syla, I.Tahiri, "Exploitation of sand and gravel in the rivers of Kosova-environmental Challenge", Int. Multidisciplinary 12-th Scientific GeoConf, Bulgaria, SGEM 2012, Proceedings Vol.V, Ecology and Environmental Protection, 415-422 (2012), ISSN: 1314-2704
10. Blerim Baruti, **Ilirjan Malollari**, Nushe Lajçi, Selver Hoda, Mensur Kelmendi, Ismet Muliqi, Milaim Sadiku "Survey Of The Impact From Different Factors On The Quality Of Groundwater In Istog Region-Kosovo", International journal of literature, linguistics & interdisciplinary studies, [www.anglisticum.mk](http://www.anglisticum.mk)
11. T. Floqi, **I. Malollari**, A. Trajce, "Preliminary Data and Assessment of Air Pollution in Albania", *Journal of Environmental Protection and Ecology* ,Vol 13, No.1 (2012), 17-23 <http://www.jepe-journal.info/journal-content>
12. A. Vitaku, B. Baruti, **I. Malollari**, Erosion Impact of Heavy Toxic Compounds on a Complex Pollution Caused by Mining and Metallurgical Wastes in Trepca, Kosovo, Vol 13, No.1 (2012), 96-104 <http://www.jepe-journal.info/journal-content>
13. A. Bacu, F. Babani, S. Uku, **I. Malollari**. PCR-based Identification of the Presence of *Aureococcus* and *Synechococcus* ssp. in the Waters of the Ecosystem of the Kune–Vain Lagoon, Albania, *Journal of Environmental Protection and Ecology* ,Vol 13, No.2 (2012) ,651 <http://www.jepe-journal.info/journal-content>
14. I. Beqiraj, S. Drushku, **I. Malollari**, D. Topi, B. Seiti. Environmental Impact Due to Hydrocarbon Market Activity in Albania during the Period 2000–2010. *Journal of Environmental Protection and Ecology* ,Vol 13, No.2 (2012) ,451 <http://www.jepe-journal.info/journal-content>
15. B. Seiti, D. Topi, **I. Malollari**, A. Lame, Environmental Impact on Air Pollution from Oil Extraction and Refining Industry in Albania, *Journal of Environmental Protection and Ecology*, Vol 13, No.3 (2012) 1314-1323, <http://www.jepe-journal.info/journal-content>
16. R. Sadikaj, V. Spaho, **I. Malollari**, D. Arapi, Hydrobiological Study of a Sector in the Fierza Lake in Albania, with the Scope of Installing Floatable Plants for Fishes Cultivation, *Journal of Environmental Protection and Ecology* , Vol 13, No.3 (2012) 1391, <http://www.jepe-journal.info/journal-content>
17. F.Dobroshti, **I. Malollari** " Physical and chemical analysis of drinking water in several villages of the Municipality of Zvecan, Kosova, *Nauka Sesija* 25-26 October, 2012, Plovdiv, Bulgaria
18. Anisa Rexhepi); Luljeta Xhagolli (Pinguli), **Ilirjan Malollari**, "Best Management Practices On Brewery Water And Waste Waters", Standardization, *Prototypes and Quality, A means of Balkan Countries Collaboration* p.647-655, ISBN: 20129789928071361
19. Skender Uku, **Ilirjan Malollari**, "Environmental and Economic Analysis of irrigation technologies for improving water usage" , *Journal of Environmental Protection and Ecology*, Vol 14, 314-322, No.1 (2013) <http://www.jepe-journal.info/journal-content>
20. B. Baruti, A. Vitaku, B. Mustafa, **I. Malollari**, B. Hoxha, " Water supply from hydrosystem Iber-Lepenc for the needs of thermo plant Kosova B", *Journal of Environmental Protection and Ecology*", Vol.13, No.4, 2380-2385 (2012)
21. Arapi D., Sadikaj R., **Malollari I.**, Papa L., Kolaneci V., " Ecosystem of cultivation ponds of sea shrimp *marcupenaeus japonicus* and the study of utilization of natural food components from it", *Journal of Environmental Protection and Ecology*", Vol.13; No.1, 375-381 (2012)
22. A.Vitaku, B.Baruti, **I. Malollari**, " The erosion impact of heavy toxic compounds on a complex pollution caused by minings and metallurgical wastes in Trepca-Kosovo", *Paper presented in Tekirdag-Turkey, June 2009, and published in Journal of Environmental Protection and Ecology*", Vol.13, No.1, 96-103 (2012)

**2011**

**Books:**



1. **Malollari I.**, Manaj H., Dhroso A., "Basics of Heat and Mass Transfer, SHBLU, Tirana 2011, 290 f., ISBN:978-99927-0-596-4

## Papers

- 1.1. **Malollari**, L. Xhagolli, "Feasibility of using the immobilized yeast bioreactor for the efficient production of bio-ethanol", *Journal of Environmental Protection and Ecology*, vol 12, No.4 (2011),1850-1859 <http://www.jepe-journal.info/journal-content>
2. **Malollari I.**, Xhagolli L., Bacu A., Dhroso A., Manaj H., Drushku S., Shehu E., Lico E., "Sustainable management of bio-resources in Albania and perspective in biotechnology development for energy efficiency and CO<sub>2</sub> reduction", *Proceedings International Conference on "Biotechnological Developments"*, *Buletin of Natural Sciences Special Edition* 14-26
3. **I. Malollari**, J. Randolph, K. Hirsch, "Value of Cooperative Relationships for Securing a safer World", *Book of Abstract of the 51<sup>st</sup> Meeting of the Institute of Nuclear Materials Management*, p. 99, [www.inmm.org](http://www.inmm.org), July, ref.no.585, 2010, Baltimore, USA (Published full paper also in CD).
4. A.Bacu, Th.Karaja, **I.Malollari**, " Department of Biotechnology of the UT Tirana, one example of the integration of research in education in Albania", *Buletin of Natural Sciences Special Edition* 101-106, November, 2011, Tirana, Albania
5. Dhurata Koraj, **Ilirjan Malollari**, "Përshkrimi i vlerësimit të ndotësve kryesorë të ajrit, me anë të një modeli tridimensional, në atmosferën e pjesës qendrore të vendit tonë", *OPTIME*, Nr. 3, 2011, p.128-133 [www.albanianuniversity.edu.al](http://www.albanianuniversity.edu.al), Tiranë; ISSN: 2220-461X
5. H.Manaj, A. Malja, **I. Malollari**, " Monitoring of pathologies in oil refining plant in Albania", *Journal of Environmental Protection and Ecology*, vol 12 book 4 (2011),1707-1714 <http://www.jepe-journal.info/journal-content>
6. P. Koutsoukos, P.Klepetsanis, **I. Malollari**, "Soil consolidation in columns using different substrates", *Journal of Environmental Protection and Ecology*, vol 12 No.4, 1661-1668 (2011) <http://www.jepe-journal.info/journal-content>
7. D. Arapi, R. Sadikaj, **I. Malollari**, L. Papa, V. Kolaneci, Ecosystem of Cultivation Ponds of Sea Shrimp (*Marsupenaeus japonicus*) and Utilisation of Its Natural Food Components, *Journal of Environmental Protection and Ecology* Vol 13, No.1 (2012),375-382 <http://www.jepe-journal.info/journal-content>
8. B. Baruti, N. Peci, A. Vitaku, **I. Malollari**, R. Zeqiri, M. Kelmendi. Analysis of the Possibilities of Decreasing the Impact of Crushing Operations on Environment . *Journal of Environmental Protection and Ecology* , Vol 12, 2011, No.4a, 2056-2062 <http://www.jepe-journal.info/journal-content>
9. B. Baruti, A. Vitaku, **I. Malollari**, N. Peci, Z. Elezaj, H. Hajra. Environment impact during coal exploitation in Kosova, *Journal of environmental protection and ecology*, vol 12 book 2 (2011), 434-437
10. S. Vito, M. Ifti, **I. Malollari**. Computer simulation of struvite precipitation from synthetic wastewaters, *Journal of Environmental Protection and Ecology*, vol 12 book 2 (2011),752-761.
11. Basset A., Pardo I., **Malollari I.**, Lasram F., Fiore N., Rosati I., Moya, ML. " Climate Change influence on biodiversity, goods and services of Mediterranean Lagoons", *Presented in Int. Conference Euromedlag 5, publishing in the Journal of Regional Environmental Change* 2011.
12. R.Buzo, **I. Malollari**, E.Mane, " Ndikimi optimizues i faktoreve inxhinierike të shkëmbimit të masës gjate mikro-oksigenimit të verës", "*Buletini i Shkencave Natyrore (in Albanian)* 11 (2011), 165-174, ISSN:2224-1779
13. Makolli S., Dollani K., **Malollari I.**, Lajqi V. " The presence of Radon Gas in residential buildings in Prishtina", "*Buletini i Shkencave Natyrore (in Albanian)* 11 (2011), 64-75, ISSN:2224-1779.
14. B.Baruti, B. Mustafa, **I. Malollari**, Sh. Kelmendi, M. Kelmendi, F.Kongoli, " Effects of air pollutions from industrial sources in Kosova", Abstract Code: 20110323-0460, *Paper presented in Fray International Symposium, November 2011, Cancun, Mexico (www.flogen.com/Fray Symposium) and published in Volume 5, Environmental, Health, Policy, Legal, Management and Social Issue*, p. 341-350, Edited by FLOGEN USA 2011, ISBN:CD Volume 5: 978-0-9879917-4-4

15. B.Baruti, B. Mustafa, **I. Malollari**, E.O'Brien, F.Kongoli, M.Kelmendi, M.Sylaj, "Opportunities and challenges of solar energy use in Kosova", Abstract Code: 20110323-0459, *Paper presented in Fray International Symposium, November 2011, Cancun, Mexico ([www.flogen.com/Fray](http://www.flogen.com/Fray) Symposium)and published in Volume 5, Environmental, Health, Policy, Legal, Management and Social Issue,p. 333-339, Edited by FLOGEN USA 2011, ISBN:CD Volume 5: 978-0-9879917-4-4*
16. Makolli S., **Malollari I.**, Dollani K., Lajci V., Përcaktimi i dendësisë së ndodhjes së Radonit 222, në mjediset shkollore të Prishtinës, "*Buletini i Shkencave Natyrore*" (in Albanian) 12 (2011), 153-166, ISSN:2224-1779.
17. Manaj H., **Malollari I.**, Dhroso A., Arapi E., Beqiraj I., Studim i kapjes se Karbonit me absorbim, "*Buletini i Shkencave Natyrore (in Albanian)* 12 (2011), 191-202, ISSN:2224-1779
18. Ferko I., **Malollari I.**, Koraj Dh., Piluri E., Monitorimi i procesit të shndërrimit anaerobik të biomasës nga shkarkimet e industrisë së biodieselit për përfitim të biogazit, "*Buletini i Shkencave Natyrore*" (in Albanian) 12 (2011), 221-232, ISSN:2224-1779
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#### EDITOR OF SCIENTIFIC PUBLICATIONS

1. Editor (Intern) of **International Journal Advances in Natural Science**, ISSN 1715-7862 [PRINT] ISSN 1715-7870 [ONLINE], Canadian Research & Development Center of Sciences and Cultures (CRDCSC)  
Address: 758, 77e AV, Laval, Quebec, H7V 4A8, Canada, Websites: [Http://www.cscanada.org](http://www.cscanada.org) ;  
[Http://www.cscanada.net](http://www.cscanada.net) **Encyclopedic Dictionary of Albania** in English and Albanian version;  
**Encyclopedic Dictionary of Albania** in English and Albanian version;
2. Member of Editorial Board of **Journal of South-Western Romanian Horticulture, Biology and Environment**.
3. Member of Editorial Board of **Journal "Advanced Chemistry Letters"** <http://www.aspbs.com/acl/>
4. *Bulletin of the Technological and Engineering studies*
5. *International Journal of Applied Chemistry*; [www.ripublication.com/editorial\\_board\\_of\\_IJAC.htm](http://www.ripublication.com/editorial_board_of_IJAC.htm)
6. **Journal of Environmental protection and Ecology (JEPE)** ISSN 1311-5065  
<http://www.gen.teithe.gr/~bena/journal.htm>
7. *Buletin of Natural Sciences*, [www.fshn.edu.al](http://www.fshn.edu.al)

#### PARTICIPATION IN INTERNATIONAL PROJECTS

1. Bilateral Project Albania-Greece 2001- 2003 titled: "Minerals fouling of heat exchangers Scale formation and elimination", [www.mash.gov.al/ministria\\_eng/kerkimi\\_shkencor/proj\\_grek.html](http://www.mash.gov.al/ministria_eng/kerkimi_shkencor/proj_grek.html)
2. Bilateral Project Albania-Greece 2003- 2005 titled : "Phosphorus recycling from waste waters and assessment".  
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3. Bilateral Project Albania -Italy 2001- 2005 titled: " Innovation Technologies for the rural Integrated and Sustainable Developments Strategy"( Coordinator)
4. Expertise in the International Project "Assessment and monitoring of the phosphorous and nitrates originated from agriculture activity, at the Ohrid and Prespa lakes watershed" Project of GTZ-se 2003-2004.
5. "BIOINDUSTRIAL – Case Study based approach for the development of industrial biotechnologies through benchmarking", applied recently within FP6 Programmes (2004-2005).
6. " DRIMPOL Discharges from wastewater treatment plants (WWTPs), sewerage and losses from households not connected to public sewer", Actually full actor of this Norwegian- GTZ Projects.(2004-2006)
7. "State of the Art and rehabilitation actions of the natural eco-system in the industrial explosive contaminated zone"( REC Support 2004-2005)
8. Bilateral Project Albania-Greece 2005-2007: Soil consolidation: novel methodology using in situ precipitation of sparingly soluble salts, Forth, Koutsoukos Peter, Tirana University, " Projekti dypalësh me Greqinë: "Përmirësimi i përbërjes së tokës: aplikimi i metodologjive të reja duke përdorur precipitimin e kripërave të patretshme" Afati: 2005-2007; referenca: Protokolli me Greqinë, nr. 24  
[www.gsrt.gr/default.asp?FILE=items/4360/149](http://www.gsrt.gr/default.asp?FILE=items/4360/149) Coordinator: Ilirjan Malollari
9. Bilateral Project Albania -Italy 2005- 2007 titled: Tematika ambientale: Zhvillime dhe aplikime të materialeve të reja inteligjente të të bazuara në njohuritë.Kurse të trainimit dhe informimit .Expert participation
10. Bilateral Project Albania -Italy 2005- 2007 titled: : Prodhimi i energjisë nga biomasa dhe mbetje të tjera organike, nëpërmjet një procesi efektiv dhe me ndikim të ulët në mjedis (Coordinator : Ilirjan Malollari).

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12. *Bilateral Project Albania-Greece 2005- 2007 titled: "Modeling of the structure and dynamics of networks", Expert participation Numri (kodi) i projektit: aa5830*
13. *Bilateral Project with Macedonia: 2007-2009 Polymer plastics recycling management: selection more suitable model for Balkan Countries.*
14. *National Research and Development Project: Establishing an optimal structure of management and pilot experimentation of agroforestral biomass treatment for energy: 2007-2009*
15. *National Research and Development Project Plastics recycling management: Menaxhimi i riciklimit të materialeve plastike: selection of the most suitable model for Albania and integration with other Balkan Countries: 2007-2009;*
16. *World Bank Project for the Programm Quality and Equity in Education 2007-2009:"Construction of a model experimental laborator of Chemical engineering, for new trends of development of Education of new specialist"*
  
17. *New application within: SOUTH-EAST EUROPE:"Novel Mitigation Techniques & Risk assessment of Pollution in Organically Contaminated Soils (Greece, Bulgaria, Slovenia,Serbia)2010-2012*
18. *New application within: SOUTH-EAST EUROPE:"Biodiversity and Ecosustainability of natural and modified marine habitat:transnational proposal for an integrated management " ( Bulgaria, Italy, Slovenia, Croatia, and Montenegro) 2010-2012*
19. *TEMPUS PROJECT ETF-JP-00295-2008 (AL2) Improvement and Establishment of Biotechnology in Higher Education (2009-2011) Partner*
20. *TEMPUS PROJECT "DEMED" 144677-TEMPUS-2008-IT-JPCR 2007-2009Teaching Curricula in HE, Partner*
21. *CIRCLE – CLIMBIOMEDNET- Climate change influence on biodiversity, goods and services of Mediterranean Lagoons, 2009-2011 Partner*
22. *Member of CEMSA Project Steering Committee*  
 EU – IPA CEMSA PROJECT : 'CONSOLIDATION OF THE ENVIRONMENTAL MONITORING SYSTEM IN ALBANIA"  
[http://cemsaproject.net/project\\_information/project\\_steering\\_committee](http://cemsaproject.net/project_information/project_steering_committee)
23. *Partner in the Project titled:"INDIGENOUS TRADITIONAL PLANTS FOR PREPARING ADDED VALUE NEW PRODUCTS WITH DIFFERENT APPLICATIONS";*  
 Acronym: BALKFITOPROD; Project ID: ERA 88; Funding including national funding and EC funding: Total costs: 210,000 € SEE-ERA.NET PLUS funding: 139,500 €; 2010 -2012;  
<http://plus.see-era.net/pjc/fundedprojects88.html>
24. *EU FP6 Project: "INTEGRATED SOLID WASTE MANAGEMENT IN ALBANIA AND BOSNIA-HERZEGOVINA (BiH);*  
<http://www.mred.tuc.gr/projects/inswab/activities.htm>  
 (Bulgaria, Italy, Slovenia, Croatia, and Montenegro)
25. *National Programme for Research and Development titled: "Establishment of a research centre for exploiting agriforestral biomass residues for biogas and energy, and structure analysis of the process engineering in an experimental pilot plant", Water and Energy National Projects 2010-2015, Coordinator*  
**Memberships in foreign Scientific Associations**  
*Member of the International Academy of Environmental Sciences*  
*Vice President of Mediteranean Scientific Association of Environmental Protection (MESAEP)*  
*President of the Association of the Albanian Chemists*  
*Member of the Society of the Protection of the Albanian Natural Environment*  
 • *President of the Albanian Centre for the Balkan Environmental Association*  
[http://www.gen.teithe.gr/~bena/national\\_bureaus.htm](http://www.gen.teithe.gr/~bena/national_bureaus.htm)  
*Member of the Association for the Industrial Ecology*

***Member of the Albanian Society for the Hydrogen Energy***

***Member of the National Council for the Accreditation***

***Member of the National Council of Metrology***

- **Reviewer of the The 16th World Multi-Conference on Systemics, Cybernetics and Informatics: WMSCI 2012 Orlando, Florida, USA; <http://www.iiis2012.org/wmsci/Website/PCReviewers.asp?vc=1>  
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  - ***Member of the Union of the Pure and Applied Chemistry The International Executive Board of B.EN.A***, Anëtar i Bordit Ekzekutiv Ndërkombëtar të BENA-s  
***International scientific committee of BENA***, Anëtar i Këshillit Shkencor Ndërkombëtar të BENA-s  
**Member of the Committee of International Conference of South Eastern Countries Chemical Societies,**
  - ***Observing Partner of European Technology Platform for Advanced Materials and Technologies***
  - **FP7 National Contact Point; <http://cordis.europa.eu/fetch?CALLER=FP7NCP&ACTION>  
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  - **Chairman of the Advisory Board of the Albanian Accreditation Directorate (DA), from 2009**  
EU-Balkan-FABNET: Member of Information Multipliers in the Western Balkan Countries; [http://www.balkan-fabnet.eu/files/multipliers\\_country.html](http://www.balkan-fabnet.eu/files/multipliers_country.html)
- Member of the European Federation for the Molecular and Chemical Sciences***