

CURRICULUM VITAE

PERSONAL DETAILS

Name:	Efstratios VOGIANNIS
Date of birth:	26 June 1957
City of birth:	Mytilene - Greece
Work address:	Department of Environmental Studies / School of Environment / University of the Aegean, University Hill, 81100 Mytilene, GREECE.
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ACADEMIC QUALIFICATION.

Ph.D: Department of Environmental Studies / School of Environment / University of the Aegean, Mytilene - GREECE, 2005.

Graduate, Physics Department, Aristotle University of Thessaloniki, Thessaloniki - GREECE, 1975-1980.

CURRENT RESEARCH INTERESTS.

Indoor air quality, distribution modelling and measurements of indoor air pollutants.

Air pollution, air pollutants dispersion modelling and measurements.

Waste and hazardous waste management.

Environmental Radiation, detection and transport of radioactive isotopes, human health effects.

Ionizing and non-Ionizing radiation, environmental hazards and human health effects.

General environmental issues.

EXPERIENCE AND POSITIONS HELD.

1. **Current position:** 1987 -2007, Physics Teacher in 3^d Public High School of Mytilene - GREECE.
2. **Detached position:** 1997 -2004, Department of Environmental Studies / School of Environment / University of the Aegean, T.A on courses:
 - Physics
 - Environmental Physics - Radiation
 - Aquatic Chemistry
 - Environmental Engineering
 - Solid Waste Management
 - Energy and Mass Transport Laboratory.
3. **Detached position:** 2004-2005. Laboratory Centre on Physical Sciences, responsible on Physic issues, Mytilene - GREECE
4. **Lecturer (P.D 407/80):** 2005-2006. Department of Environmental Studies / School of Environment / University of the Aegean. Courses.

Mathematics with Environmental Applications (1^o semester),
Solid & Hazardous Waste Management (6^o semester)
5. **Assistant Professor (P.D 407/80):** 2006-2008. Department of Environmental Studies / School of Environment / University of the Aegean. Courses.
 - ***Mathematics with Environmental Applications*** (1^o semester),
 - ***Chemistry*** (1^o semester)
 - ***Aquatic Chemistry*** (8^o semester)
 - ***Solid & Hazardous Waste Management*** (6^o semester)

- **Energy and Mass Transport Laboratory.(1/2)** (6° semester)
- 6. **MSc Program, "Environmental and Ecological Engineering"** 2006-2009. Department of Environmental Studies. Course.
 - **Waste Management**
- 7. **Laboratory collaborator 2008-2010 TEI Of Peiraus**
- 8. **Scientific collaborator 2009-2010 TEI of Chalkis**
 - **Renewable Energy Resources II**

PUBLICATIONS

Journals

1. Vogiannis E., Niaounakis M., Halvadakis C.P. (2004), "Contribution of ^{222}Rn – bearing water to the occupational exposure in thermal baths". Environment International 30 (2004), 621-629.
2. Vogiannis E., Nikolopoulos D., Louizi A., Halvadakis C.P. (2004). "Radon variations during treatment in thermal spas of Lesvos Island (Greece)", Journal of Environmental Radioactivity, 75 (2004), 159-170.
3. Vogiannis E., Halvadakis C.P., & Nikolopoulos D., Louizi A., (2003) "Radon exposure in the thermal spas of Lesvos Island – Greece", Radiation Protection Dosimetry, Vol. 111, No 1, p.p 121-127.
4. Petalas A., Vogiannis E., Nikolopoulos D & C.P.Halvadakis.(2005), "Preliminary survey of outdoor gamma dose rates in Lesvos Island (Greece)", Radiation Protection Dosimetry, Vol.113, No 3, p.p 336-341.
5. Nikolopoulos D. and Vogiannis E. (2006), "Modeling radon progeny concentration variations in thermal spas", Science of the Total Environment, Vol. 373 (2007). p.p. 82–93.
6. Vogiannis Efstartios & Nikolopoulos Dimitrios, 2008 "Modelling the generation of radon concentration peaks in thermal spas" Science of the Total Environment, Vol.405, p.p 36-44.
7. Nikolopoulos Dimitrios, Vogiannis Efstartios, Petraki Ermioni, Zisos Athanasios, Louizi Anna; (2010); "Investigation of the exposure to radon and progeny in the thermal spas of Loutraki (Attica-Greece): Results from measurements and modeling "Science of the Total Environment, Volume 408, Issue 3, 1 January 2010, Pages 495-504

Conference presentations:

1. Vogiannis E., Niaounakis M., Halvadakis C.P. (2002), "Radon-222 from hot spring waters of Lesvos Island: Assessment and remediation of risk in the case of Polichnitos spa" VII International Symposium of Natural Radiation Environment. Rhodes, May 20-24, 2002.
2. Vogiannis E., Halvadakis C.P., & Nikolopoulos D., Louizi A., (2003) "Radon exposure in the thermal spas of Lesvos Island – Greece", 1st International Conference for Applied Physics (APHYS-2003), October 13-18th 2003, Badajoz, Spain. (Oral presentation)
3. Petalas A, Vogiannis E., Bellas S. & Halvadakis C.P., (2003), "Gamma –ray measurements of naturally occurring radioactive isotopes in Lesvos igneous rocks (Greece)", 1st International Conference for Applied Physics (APHYS-2003), October 13-18th 2003, Badajoz, Spain. (Poster)
4. Tsetoura C, Voulgaraki V., Vogiannis E., Bellas S., & Halvadakis C.P, (2003) "Measurements of background radioactivity of Lesvos Island (Greece)", 1st International Conference for Applied Physics (APHYS-2003), October 13-18th 2003, Badajoz, Spain. (Poster)
5. Nikolopoulos D., Lignos L., Louizi A., Lioliousis K., & Vogiannis E., (2003) "Radon risk near voltage power lines", 1st International Conference for Applied Physics (APHYS-2003), October 13-18th 2003, Badajoz, Spain. (Poster)
6. D.Nikolopoulos, A.Louizi, E.Vogiannis, C.P.Chalvadakis and E.Georgiou (2004), "Radon exposure during treatment in some thermal spa centers in Greece", 4th European

Conference on Protection against Radon at Home and at Work, Prague 28/6 – 2/7, 2004.

7. A.Louizi, D.Nikolopoulos, A.Tzortzi, E.Vogiannis, V.Koukouliou, D.Thanassas and E.Georgiou (2004). "Radon concentration measurements in waters in Greece and Cyprus", 4th European Conference on Protection against Radon at Home and at Work, Prague 28/6 – 2/7, 2004.
8. D.Nikolopoulos, A.Louizi, L.Lignos, E.Vogiannis, K.Lioliousis and E.Georgiou (2004) "Radon daughter and electromagnetic field measurements in dwellings near high voltage power lines" 4th European Conference on Protection against Radon at Home and at Work, Prague 28/6 – 2/7, 2004.
9. Akkurt, I., Vogiannis, E., Kulalı, F., Mavi, B., Akyıldırım, H., 2008. "Radon measurement in soil to Predict Earthquakes." Türk Fizik Derneği 25, Uluslararası Fizik Kongresi 2008, Bodrum-Turkey
10. D. Nikolopoulos, E. Vogiannis, A. Louizi, and A. Zisos (2009) "Soil radon and electromagnetic anomalies before the Ileia(Greece) M6.8 earthquake" European Geosciences Union General Assembly 2009 Vienna, Austria, 19 – 24 April 2009 (Poster)
11. Nikolopoulos Dimitrios, Vogiannis Efstratios, Louizi Anna(2009) "Radon concentration of waters in Greece and Cyprus" European Geosciences Union General Assembly 2009 Vienna, Austria, 19 – 24 April 2009 (Poster)

Also 4 presentations in Greek congresses

Research projects:

1. Comilis D., Papadatou E., Vogiannis E., Schaelicke D., Halvadakis C.P. «*Environmental effects from touristic development in an anonymous cave on Hermakia area of Agia Paraskevi municipality of Kozani prefecture* », Kozani - Greece, November 2001.
2. Comilis D., Papadatou E., Vogiannis E., Kostopoulos D., Halvadakis C.P. «*Environmental parameters measurement for study completion of the environmental effects due to Sykia cave in Olymbous community, Mastichochoria municipality of Chios prefecture*», Chios, August 2002.
3. Vogiannis E., Houtzaiois G., Halvadakis C.P. «*Indoor radon concentration measurements into Lesvos Island's schools*» Mytilene, September 2004.
4. EPEAEK II: Measure 2.2 «*Creation of New Environmental Courses* »
Measure 2.6 «*Upgrading of the Undergraduate Studies Program* ».
University of the Aegean, Waste Management Lab., Mytilene, Greece, 2006-08.
5. ARCHIMEDES II "Methodology development for the determination of indoor air quality in air-conditioning rooms" Technological & Educational Institute of Chalkis 2006-2007.

OTHER

Reviewer in

1. Radiation Measurements
2. Waste Management
3. Global Nest

TRAINING SEMINARS:

«Dosimetry models and calibration of ionizing radiation apparatus» National Centre of Scientific Research (NCSR) Demokritos, Athens, October 2003.

LANGUAGES: Greek, English.

Web pages

http://www3.aegean.gr/environment/eda/people_en/people_vogianis_en.htm
http://www3.aegean.gr/theofrasteio//people/external_en.htm

Athens, October 2010