

**PETRAKI ERMIONI**  
**ENVIRONMENTAL PHYSICIST**

**CURRICULUM VITAE**

**DATE 03/01/2017**

## **1. PERSONAL INFORMATION**

*Full name:* ERMIONI PETRAKI

*Date of birth:* 30/01/1970

*Place of birth:* Athens, Attica, Greece

*Nationality:* Hellenic

*Address of residence:* Korytsas 36-40, Vironas, 16231, Athens, Greece

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*Current address of work:* Technological Education Institute (TEI) of PIRAEUS, Petrou Ralli and Thivon 250, 12244, Aigaleo Athens-Greece

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## **2. DIPLOMAS**

1. Degree in Physics, University of Ioannina, 1994
2. Master of Science in Environmental Physics, National and Kapodistrian University of Athens
3. Doctor of Philosophy, Brunel University of London, School of Engineering and Design, 2016

## **3. FUNDING PROJECTS**

1. NRSF "Thales", Co-funding Project between EU and Greece, 2012-2015
2. NRSF "Archimedes III, Co-funding Project between EU and Greece, 2012-2015
3. SECURER2I- FP7, 2015-2016

## **4. EDUCATIONAL ACTIVITIES**

1. Technological Educational Institute of Piraeus, Laboratory Assistant 2000-2011
2. Piraeus University of Applied Sciences, Educational Assistant, 2016-2017
3. High School Tutor in Physics, 1995-2017

## **5. EDUCATION - FURTHER TRAINING**

1. European Geophysical Union, EGU 2009, Vienna, Austria.
2. European Geophysical Union, EGU 2010, Vienna, Austria.
3. European Geophysical Union, EGU 2011, Vienna, Austria.
4. erA-7, 2012, The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education.
5. erA-8, 2013, The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education.
6. RPM 2014, Varna, Bulgaria - 2nd International conference on radiation protection in medicine.
7. ICCE-2014, International Conference on Clean Energy-2014, June 8-12, 2014, Istanbul, Turkey.
8. erA-9, 2014, The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education.

## **6. Technical-Technological skills**

- Measurement of radon and progeny
- Measurement of environmental ionising and non-ionising radiation
- Health Effects of Electromagnetic Radiation
- Signal Analysis methods-Wavelets
- Chaos-Fractals
- Entropy and Block Entropy techniques-Symbolic Dynamics
- Environmental EM radiation-Soil radon- Earthquake precursors

## 7. LANGUAGES

1. F.C.E. (University of Cambridge).
2. I.E.L.T.S. (University of Cambridge).

## 9. PUBLICATIONS

### **INTERNATIONAL PEER-REVIEWED INDEXED JOURNALS**

1. NIKOLOPOULOS D, VOGIANNIS E, **PETRAKI E**, ZISOS A, LOUIZI A.  
Investigation of the exposure to radon and progeny in the thermal spas of Loutraki (Attica-Greece): Results from measurements and modelling, Sci. Tot. Environ. 2010 408: 495-504.  
Impact Factor: 3.976
2. NIKOLOPOULOS D, **PETRAKI E**, MAROUSAKI A, POTIRAKIS S, KOULOURAS G, NOMICOS C, PANAGIOTARAS D, STONHAM J, LOUIZI A Environmental monitoring of radon in soil during a very seismically active period occurred in South West Greece, J. Environ. Monit. , 2012,14, 564-578.  
Impact Factor: 2.179
3. **PETRAKI E**, NIKOLOPOULOS D, FOTOPOULOS A, PANAGIOTARAS D, KOULOURAS G, ZISOS A, NOMICOS C, LOUIZI A, STONHAM J Self-organised critical features in soil radon and MHz electromagnetic disturbances: Results from environmental monitoring in Greece, Appl. Radiat. Isotop. 2013, 72, 39–53  
Impact Factor: 1.136
4. NIKOLOPOULOS D, VOGIANNIS E, **PETRAKI E**, KOTTOU S, YANNAKOPOULOS P, LEONTARIDOU M, LOUIZI A., Dosimetry

modelling of transient radon and progeny concentration peaks: Results from in-situ measurements in Ikaria spas, Greece, Environ. Sci.: Processes Impacts, 2013,**15**, 1216-1227

Impact Factor: 2.171

5. **PETRAKI E**, NIKOLOPOULOS D, FOTOPOULOS A, PANAGIOTARAS D, NOMICOS C, YANNAKOPOULOS P, ZISOS A, LOUIZI A, STONHAM J. Long-range memory patterns in variations of environmental radon in soil, Anal. Methods 2013,5,4010-4020

Impact Factor: 1, 821

6. NIKOLOPOULOS D, **PETRAKI E**, VOGIANNIS E, CHALDEOS Y, YANNAKOPOULOS P, NOMICOS C, STONHAM J. Traces of self-organisation and long-range memory in variations of environmental radon in soil: Comparative results from monitoring in Lesvos Island and Ilea (Greece), J Radioanal Nucl Chem 2014, 299, 203-219

Impact Factor: 0,983

7. **PETRAKI E**, NIKOLOPOULOS D, CHALDEOS Y., KOULOURAS G, NOMICOS C, YANNAKOPOULOS P, KOTTOU S, STONHAM J. Fractal evolution of MHz electromagnetic signals prior to earthquakes: results collected in Greece during 2009, Geomat. Nat. Haz. Risk, 2014, 7,550-564

Impact Factor: 1,310

8. KOTTOU S, NIKOLOPOULOS D, VOGIANNIS E, KOULOUGLIOTIS D, **PETRAKI E**, YANNAKOPOULOS P. How safe is the environmental electromagnetic radiation? , J. Phys Chem Biophys 2014. 4:3:146,1-10

9. NIKOLOPOULOS D, KOTTOU S, **PETRAKI E**, VOGIANNIS E, YANNAKOPOULOS P. Response of CR-39 Polymer Radon-Sensors

via Monte-Carlo Modelling and Measurements. J. Phys Chem Biophys 2014. 4:2:144,1-5.

10. NIKOLOPOULOS D, KOTTOU S, LOUIZI A, **PETRAKI E**, VOGIANNIS E, YANNAKOPOULOS P. Factors Affecting Indoor Radon Concentrations of Greek Dwellings through Multivariate Statistics-First Approach, J Phys Chem Biophys 2014. 4:2:145,1-7.
  
11. PANAGIOTARAS D, NIKOLOPOULOS D, **PETRAKI E**, KOTTOU S, KOULOGLIOTIS D, YANNAKOPOULOS PH, KAPLANIS S. Comprehensive experience for Indoor Air Quality Assessment. A review on the determination of Volatile Organic Compounds (VOCs), J Phys Chem Biophys 2014 (4:5):1-12
  
12. SKOUNTZOS AP, NIKOLOPOULOS D, **PETRAKI E**, KOTTOU S, YANNAKOPOULOS PH, The electromagnetic pollution of wireless electronic equipment in areas with high human accumulation, Journal of Civil & Environmental Engineering 2014 4(5):1-4
  
13. NIKOLOPOULOS D, **PETRAKI E**, TEMENOS N, KOTTOU S, KOULOGLIOTIS D, YANNAKOPOULOS PH, Hurst exponent analysis of indoor radon profiles of Greek apartment dwellings, Journal of Physical Chemistry and Biophysics 2014, 4:6, 1-8.
  
14. NIKOLOPOULOS D, **PETRAKI E**, NOMICOS C, KOULOURAS G, KOTTOU S, YANNAKOPOULOS PH, Long-memory trends in disturbances of radon in soil prior to the twin ML=5.1 earthquakes of 17 November 2014 Greece, JESCC 2015 6(1):1-10.

15. **PETRAKI E**, NIKOLOPOULOS D, PANAGIOTARAS D, CANTZOS D, YANNAKOPOULOS P, NOMICOS C, STONHAM, J, Radon-222: A Potential Short-Term Earthquake Precursor, JESCC, 2015, 6:6, 1-11.
16. **PETRAKI E**, NIKOLOPOULOS D, NOMICOS C, STONHAM, J, CANTZOS D, YANNAKOPOULOS P, KOTTOU S, Electromagnetic Pre-earthquake Precursors: Mechanisms, Data and Models-A Review, JESCC, 2015, 6:1, 1-11.
17. NIKOLOPOULOS D, KOULOGLIOTIS D, VOGIANNIS E, **PETRAKI E**, PANAGIOTARAS D, YANNAKOPOULOS P, KOTTOU S, Pilot Electromagnetic Field Measurements in Certain Areas in Greece, Journal of Physical Chemistry and Biophysics, 2015, 5:2, 1-11.
18. CANTZOS D, NIKOLOPOULOS D, **PETRAKI E**, NOMICOS C, YANNAKOPOULOS P, Identifying Long-Memory Trends in Pre-Seismic MHz Disturbances through Support Vector Machines, JESCC, 2015, 6:3, 1-9
19. KOTTOU S, NIKOLOPOULOS D, YANNAKOPOULOS P, VOGIANNIS E, **PETRAKI E**, PANAGIOTARAS D, KOULOGLIOTIS D, Preliminary background indoor EMF measurements in Greece, Phys Medica 2015, 31:808-816  
Impact Factor: 2,403
20. KOTTOU S, NIKOLOPOULOS D, **PETRAKI E**, BHATTACHARYYA D, KIRBY PB, BERBERASHVILI TM, CHAKHVASHVILI LA, KERVALISHVILI PJ, YANNAKOPOULOS PH, Monte-Carlo Modelling and Experimental Study of Radon and Progeny Radiation Detectors for Open Environment, I. Dincer et al. (eds.), Progress in Clean Energy, Volume 1, Springer International Publishing, Switzerland 2015.

- 21.** TEMENOS N, NIKOLOPOULOS D, **PETRAKI E**, YANNAKOPOULOS PH, Modelling of Indoor Air Quality of Greek Apartments Using CONTAM(W) Software, *Journal of Physical Chemistry and Biophysics* 2015, 5(6): 1000190 1-5
- 22.** NIKOLOPOULOS D, KOTTOU S, **PETRAKI E**, VOGIANNIS E, MICHAEL C, LOUIZI A, CHALDEOS Y, YANNAKOPOULOS PH, Multivariate statistical Analysis of factors related to mean annual indoor radon concentrations of Greek dwellings, *Phys Medica* 2014 30:e90-91  
Impact Factor: 2,403
- 23.** NIKOLOPOULOS D, VOGIANNIS E, KOTTOU S, CHALDEOS Y, PETRAKI E, YANNAKOPOULOS PH, Modeling of radon and progeny concentration peaks in thermal spas: results from the semi-empirical approach from several spas in Greece, 2014 *Physica Medica* 30:e91  
Impact Factor: 2,403
- 24.** YANNAKOPOULOS P, NIKOLOPOULOS D, **PETRAKI E**, TSELES D, Digital Radiation Sensors and Nanosensory Systems, Springer Science+Business Media Dordrecht P.J. Kervalishvili, P.H. Yannakopoulos (eds.), Nuclear Radiation Nanosensors and Nanosensory Systems, NATO Science for Peace and Security Series B: Physics and Biophysics 2016.
- 25.** **NIKOLOPOULOS D**, PETRAKI E, YANNAKOPOULOS PH, CANTZOS D, PANAGIOTARAS D, NOMICOS C. Fractal Analysis of Pre-Seismic Electromagnetic and Radon Precursors: A Systematic Approach. *J Earth Sci Clim Change* 2016; in press

**PROCEEDINGS IN INTERNATIONAL PEER-REVIEWED CONFERENCES**

- 26.** PETRAKIS M, PSILOGLOY B, GALOFALAKIS I, FLOKA E, PETRAKI E, Summertime measurements of O<sub>3</sub>, NO<sub>2</sub> and SO<sub>2</sub> in Athens, using a



differential optical absorption spectroscopy (DOAS) system, 8th Conference on Meteorology-Climatology-Atmospheric Physics, Athens, COMECAP 2006.

27. FOTOPOULOS A, PETRAKI E, VLAMAKIS EM, ARGYRIOU XA, SEVVOS TJ, CHATZISAVVAS NN, ZISOS N, NOMICOS C, LOUIZI A, STONHAM J, YANNAKOPOULOS PH, NIKOLOPOULOS D, Environmental monitoring of soil radon in a very tectonic area in South West Greece, International Scientific Conference eRA -7, The SynEnergy Forum, The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education, T.E.I. of Piraeus (T.E.I. PIR), Conference Center of T.E.I. PIRAEUS, Piraeus, Greece, 27- 30 September 2012, ISSN-1791-1133.
  
28. FOTOPOULOS A, **PETRAKI E**, VLAMAKIS EM, ARGYRIOU XA, SEVVOS TJ, CHATZISAVVAS NN, ZISOS N, NOMICOS C, LOUIZI A, STONHAM J, YANNAKOPOULOS PH, NIKOLOPOULOS D, Similarities in the self-organised critical characteristics between soil radon and MHz electromagnetic disturbances during a very seismic period in Greece, International Scientific Conference eRA -7, The SynEnergy Forum, The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education, T.E.I. of Piraeus (T.E.I. PIR), Conference Center of T.E.I. PIRAEUS, Piraeus, Greece, 27- 30 September 2012, ISSN-1791-1133.
  
29. CHATZISAVVAS NN, SEVVOS TJ, VLAMAKIS EM, FOTOPOULOS A, **PETRAKI E**, ARGYRIOU XA, NIKOLOPOULOS D, YANNAKOPOULOS P, SKOTTOU S, LOUIZI A, Impact of detector's thickness on imaging characteristics of the Siemens Biograph DUO PET/CT with GATE, International Scientific Conference eRA -7, The SynEnergy Forum, The Conference for International Synergy in

Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education, T.E.I. of Piraeus (T.E.I. PIR), Conference Center of T.E.I. PIRAEUS, Piraeus, Greece, 27- 30 September 2012, ISSN-1791-1133.

30. NIKOLOPOULOS D, VLAMAKIS E, CHATZISAVVAS N, YANNAKOPOULOS PH, ARGYRIOY X, **PETRAKI E**, KOTTOU S, SEVVOS T, TEMENOS N, CHALDEOS Y, FILTISAKOS S, GORGOLIS N, POTOZI S, KOULOUGLIOTIS D, ZISOS A, Study of the response of open CR-39 detector to radon and progeny by Monte Carlo simulation with SRIM 2013, Thalys Session of International Scientific Conference eRA – 8, organized by T.E.I. of Piraeus at T.E.I. Piraeus Campus, 23 – 25 September 2013, ISSN-1791-1133.
  
31. NIKOLOPOULOS D, CHATZISAVVAS N, VLAMAKIS E, ARGYRIOY X, SEVVOS T, YANNAKOPOULOS PH, **PETRAKI E**, TEMENOS N, CHALDEOS Y, FILTISAKOS S, GORGOLIS N, POTOZI S, KOULOUGLIOTIS D, KOTTOU S, ZISOS A, Long-term estimation of radon's equilibrium factor and radon progeny unattached fraction with SSNTDs through measurements and Monte-Carlo modeling,, Thalys Session of International Scientific Conference eRA – 8, organized by T.E.I. of Piraeus at T.E.I. Piraeus Campus, 23 – 25 September 2013, ISSN-1791-1133.
  
32. NIKOLOPOULOS D, **PETRAKI E**, KOULOUGLIOTIS D, KOTTOU S, LOUIZI A, YANNAKOPOULOS PH, VIOSIANNIS E, FILTISAKOS S, GORGOLIS N, ARGYRIOY X, SEVVOS T, TEMENOS N, CHALDEOS Y, POTOZI S, KEFALAS G, LORILLA RS, CHATZISAVVAS N, ZISOS A, Human radiation risk of due to radon and progeny: results from extended active measurements in Attica (Greece), Thalys Session of International Scientific Conference eRA – 8, organized by T.E.I. of Piraeus at T.E.I. Piraeus Campus, 23 – 25 September 2013, ISSN-

1791-1133.

33. NIKOLOPOULOS D, **PETRAKI E**, LOUIZI A, SEVVOS T, CHALDEOS Y, ARGYRIOY X, FILTISAKOS S, GORGOLIS N, TEMENOS N, KEFALAS G, LORILLA RS, POTOZI S, CHATZISAVVAS N, KOULOUGLIOTIS D, KOTTOU S, YANNAKOPOULOS PH, ZISOS A, Factors affecting indoor radon and progeny concentration variations in Attica (Greece), Thalys Session of International Scientific Conference eRA – 8, organized by T.E.I. of Piraeus at T.E.I. Piraeus Campus, 23 – 25 September 2013, ISSN-1791-1133.
  
34. NIKOLOPOULOS D, KOTTOU S, LOUIZI A, **PETRAKI E**, CHALDEOS Y, TEMENOS N, FOTOPOULOS A, YANNAKOPOULOS PH, ZISOS A, Multivariate statistical analysis of factors affecting mean annual indoor radon concentrations in Greece, Thalys Session of International Scientific Conference eRA – 8, organized by T.E.I. of Piraeus at T.E.I. Piraeus Campus, 23 – 25 September 2013, ISSN-1791-1133.
  
35. NIKOLOPOULOS D, YANNAKOPOULOS PH, **PETRAKI E**, KOTTOU S, LOUIZI A, GORGOLIS N, ARGYRIOY X, POTOZI S, SEVVOS T, KOULOUGLIOTIS D, VIOGIANNIS E, ZISOS I, KEFALAS G, LORILLA RS, ZISOS A, Preliminary study of distribution of background EMR in Greek apartment dwellings, Thalys Session of International Scientific Conference eRA – 8, organized by T.E.I. of Piraeus at T.E.I. Piraeus Campus, 23 – 25 September 2013, ISSN-1791-1133.
  
36. PANAGIOTARAS D, NIKOLOPOULOS D, KOULOUGLIOTIS D, **PETRAKI E**, ZISOS A, VIOGIANNIS E, KAPLANIS E, YANNOPOULOS A, BAKALIS A, ZISOS A, Indoor Air Quality Assessment: Review on the topic of VOCs, Thalys Session of International Scientific Conference eRA – 8, organized by T.E.I. of Piraeus at T.E.I. Piraeus Campus, 23 – 25 September 2013, ISSN-

1791-1133.

37. KOTTOU S, NIKOLOPOULOS D, **PETRAKI E**, KOULOUGLIOTIS D, YANNAKOPOULOS PH, LOUIZI A, ZISOS A, Human radiation risk – a review, , Thalys Session of International Scientific Conference eRA – 8, organized by T.E.I. of Piraeus at T.E.I. Piraeus Campus, 23 – 25 September 2013, ISSN-1791-1133.
  
38. NIKOLOPOULOS D, **PETRAKI E**, VIOGIANNIS E, CHALDEOS Y, FILTISAKOS S, YANNAKOPOULOS PH, KOTTOU S, NOMICOS C, STONHAM J, Self-organization and long-memory features in variations of environmental radon in soil: results from Lesbos Island and Ileia (Greece), Thalys/ SENSERA Session of International Scientific Conference eRA – 8, organized by T.E.I. of Piraeus at T.E.I. Piraeus Campus, 23 – 25 September 2013, ISSN-1791-1133.
  
39. **PETRAKI E**, NIKOLOPOULOS D, FILTISAKOS S, CHALDEOS Y, YANNAKOPOULOS PH, KOTTOU S, NOMICOS C, STONHAM J, Evolution of EM-signals prior to earthquakes in terms of fractality, entropy and long-memory, Thalys/ SENSERA Session of International Scientific Conference eRA – 8, organized by T.E.I. of Piraeus at T.E.I. Piraeus Campus, 23 – 25 September 2013, ISSN-1791-1133.
  
40. **PETRAKI E**, NIKOLOPOULOS D, FILTISAKOS S, CHALDEOS Y, YANNAKOPOULOS PH, KOTTOU S, NOMICOS C, STONHAM J, Similarities in pre-earthquake critical behaviour of soil radon variation and electromagnetic disturbances of MHz-range, Thalys/ SENSERA Session of International Scientific Conference eRA – 8, organized by T.E.I. of Piraeus at T.E.I. Piraeus Campus, 23 – 25 September 2013, ISSN-1791-1133.
  
41. NIKOLOPOULOS D, VIOGIANNIS E, **PETRAKI E**, KOTTOU S,

YANNAKOPOULOS PH, Dosimetry modelling of radon and progeny concentration peaks in thermal spas: results from measurements in Ikaria, Greece, Thalys/ SENSERA Session of International Scientific Conference eRA – 8, organized by T.E.I. of Piraeus at T.E.I. Piraeus Campus, 23 – 25 September 2013, ISSN-1791-1133.

42. KOTTOU S, NIKOLOPOULOS D, **PETRAKI E**, BHATTACHARAYYA D, KIRBY P, BERBERASVILI T, CHAKHVASHVILI L, KERVASHVILI P, YANNAKOPOULOS P Monte-Carlo modelling and experimental study of radon and progeny radiation detectors for open environment, 13th International Conference on Clean Energy (ICCE-2014), June 8-12, 2014, Istanbul, Turkey.

**ABSTRACTS IN INTERNATIONAL PEER-REVIEWED CONFERENCES**

43. POTIRAKIS S, NIKOLOPOULOS D, **PETRAKI E**, MYSTAKIDES I, FOTOPOULOS A, ARGYRIOU X, VLAMAKIS EM, STONHAM J, Investigating the possible relation of electromagnetic signals in the upper VHF and lower UHF bands to earthquakes in Greece, Geophysical Research Abstracts, EGU 2011, 4893.

44. **PETRAKI E**, NIKOLOPOULOS D, POTIRAKIS SM, MYSTAKIDES I, VLAMAKIS EM, ARGYRIOU X, FOTOPOULOS A, LOUIZI A, STONHAM J, Soil radon as a possible link to earthquake occurrence in Greece, Geophysical Research Abstracts, EGU 2011, 4929 .

45. **PETRAKI E**, FOTOPOULOS A, NIKOLOPOULOS D, YANNAKOPOULOS PH, ZISOS A, NOMICOS C, LOUIZI A, STONHAM J, Environmental monitoring of soil radon in a very tectonic area in South West Greece, International Scientific Conference eRA -7, The SynEnergy Forum, The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education, T.E.I. of Piraeus (T.E.I. PIR), Conference Center of T.E.I. PIRAEUS, Piraeus, Greece, 27- 30 September 2012, Sensera, B.5.4.

46. **PETRAKI E**, FOTOPOULOS A, NIKOLOPOULOS D,

YANNAKOPOULOS PH, ZISOS A, NOMICOS C, LOUIZI A, STONHAM J, Similarities in the self-organised critical characteristics between soil radon and MHz electromagnetic disturbances during a very seismic period in Greece, International Scientific Conference eRA -7, The SynEnergy Forum, The Conference for International Synergy in Energy, Environment, Tourism and contribution of Information Technology in Science, Economy, Society and Education, T.E.I. of Piraeus (T.E.I. PIR), Conference Center of T.E.I. PIRAEUS, Piraeus, Greece, 27- 30 September 2012, Sensera, B.5.5.

47. KOTTOU S, NIKOLOPOULOS D, **PETRAKI E**, LOUIZI A, ARGYRIOU X, SEVVOS T, YANNAKOPOULOS P, Human Beings and Radiation – A Review, 2nd International Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences, Technological Educational Institute (TEI) of Athens, Greece, Friday 21 & Saturday 22, June 2013.
48. KOTTOU S, NIKOLOPOULOS D, SEVVOS T, YANNAKOPOULOS P, PETRAKI E, YANNAKOPOULOS I, BHATTACHARAYYA D, Modelling the efficiency of SSNT Detectors for long -term radon radiation dosimetry, through in-situ measurements and Monte-Carlo techniques, RPM 2014, Varna, Bulgaria.
49. KOTTOU S, NIKOLOPOULOS D, **PETRAKI E**, BHATTACHARAYYA D, KIRBY P, BERBERASVILI T, CHAKHVASHVILI L, KERVALISHVILI P, YANNAKOPOULOS PH. Monte-Carlo modelling and experimental study of radon and progeny radiation detectors for open environment, 13th International Conference on Clean Energy (ICCE-2014), June 8-12, 2014, Istanbul, Turkey.
50. NIKOLOPOULOS D, KOTTOU S, **PETRAKI E**, VOGIANNIS E, MICHAILC, LOUIZI A. CHALDEOS Y, YANNAKOPOULOS P.H., Multivariate statistical analysis of factors related to mean annual indoor radon concentrations of Greek dwellings, 8th European Conference on

Medical Physics (ECMP2014) September 11-13, Athens, Greece

51. NIKOLOPOULOS D, VOGIANNIS E, KOTTOUS, **PETRAKI E**, MICHAILC, LOUIZI A. CHALDEOS Y, YANNAKOPOULOS P.H. Modeling of radon and progeny concentration peaks in thermal spas: results from the semi-empirical approach from several spas in Greece, 8th European Conference on Medical Physics (ECMP2014) September 11-13, Athens, Greece.
52. KOTTOUS, NIKOLOPOULOS D, KOULOUGLIOTIS D, POULIEZOS K, VOGIANNIS E, GORGOLIS N, LORILIA R.S, KEFALAS G, POTOZI S, CHALDEOS Y, SEVVOS T, **PETRAKI E**, MICHAILC, MOUSTANIS P, KALIMERIS A, YANNAKOPOULOS P.H., Preliminary study of distribution of indoor EMR in Greek dwellings, 8th European Conference on Medical Physics (ECMP2014) September 11-13, Athens, Greece
53. TEMENOS N, FILTISAKOS S, CHALDEOS Y, NIKOLOPOULOS D, YANNAKOPOULOS P.H, **PETRAKI E**, KOTTOUS. Hurst exponent of radon profiles indoors in Athens, Greece, 8th European Conference on Medical Physics (ECMP2014) September 11-13, Athens, Greece
54. NIKOLOPOULOS D, KOTTOU S, KOULOUGLIOTIS D, VOGIANNIS E, **PETRAKI E**, GIANNAKOPOULOS I.P, GORGOLIS N, KEFALAS G, POTOZI S, LORILLIA RS, TEMENOS N, TSELES D, Background EMR measurements in Zante and Lesvos islands, Greece, International Scientific Conference eRA -9, T.E.I. of Piraeus, Conference Center 22-24 September 2014.
55. TEMENOS N, NIKOLOPOULOS D, VOGIANNIS E, **PETRAKI E**, KOTTOU S, YANNAKOPOULOS P.H., Modelling indoor air pollutants with ContamW International Scientific Conference eRA -9, T.E.I. of Piraeus, Conference Center 22- 24 September 2014.
56. NIKOLOPOULOS D, CHALDEOS Y, **PETRAKI E**, KOTTOU S,



TEMENOS N, FILTISAKOS S, LOUIZI A, TSELES D,  
YANNALOPOULOS P.H.Hurst exponent of radon profiles indoors in  
Athens, Greece, International Scientific Conference eRA -9, T.E.I. of  
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