

Curriculum Vitae

Personal information

First name(s) / Surname(s) **Nikolaos Evangeliou**
E-mail(s) Nikolaos.Evangeliou@nilu.no, ch02120@gmail.com
Nationality Greek Date of birth 29 May 1979
Gender Male Marital status Married, 2 children



Work experience

Dates	1 October 2016 – today
Occupation or position held	Senior Researcher
Main activities and responsibilities	Atmospheric dispersion modelling, model evaluation against observations, inverse modelling and source emission optimisation.
Name and address of employer	NILU - Norsk institutt for luftforskning (Norwegian Institute for Air Research), PO Box 100, 2027 Kjeller, Norway.
Dates	1 October 2014 – 30 September 2016
Occupation or position held	Research Scientist (permanent)
Main activities and responsibilities	Atmospheric transport and deposition using FlexPart dispersion model and model evaluation against observations. Inverse modelling and source emission optimisation.
Name and address of employer	NILU - Norsk institutt for luftforskning (Norwegian Institute for Air Research), PO Box 100, 2027 Kjeller, Norway.
Dates	1 June 2014 – 30 September 2014
Occupation or position held	Research Assistant (Post doc)
Main activities and responsibilities	Quantifying the contributions of fire emissions from forests, grasslands, and agriculture to Black Carbon in Siberia and the Former Soviet Union.
Name and address of employer	Commissariat à l'Energie Atomique et aux énergies alternatives (CEA), Centre Nationale de la Recherche Scientifique (CNRS), Université de Versailles Saint Quentin (UVSQ), Institut Pierre and Simon Laplace (IPSL), Laboratoire des Sciences du Climat et de l' Environnement (LSCE), L'Orme des Merisiers - Bat 712, Bureau 110, 91191 Gif sur Yvette, Cedex, France & United States Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory, Missoula, MT, U.S.A.
Dates	1 January 2014 – 28 February 2014
Occupation or position held	Research Assistant (Post doc)
Main activities and responsibilities	Modeling the spread of radionuclides in Chernobyl contaminated areas after fire events. Risk to human and non-human biota.
Name and address of employer	Commissariat à l'Energie Atomique et aux énergies alternatives (CEA), Centre Nationale de la Recherche Scientifique (CNRS), Université de Versailles Saint Quentin (UVSQ), Institut Pierre and Simon Laplace (IPSL), Laboratoire des Sciences du Climat et de l' Environnement (LSCE), L'Orme des Merisiers - Bat 712, Bureau 110, 91191 Gif sur Yvette, Cedex, France.
Dates	1 January 2012 – 28 February 2014
Occupation or position held	Post doctoral researcher
Main activities and responsibilities	Modeling the spread of radionuclides in Chernobyl contaminated areas after fire events. Risk to human and non-human biota.

Name and address of employer Commissariat à l'Energie Atomique et aux énergies alternatives (CEA), Centre Nationale de la Recherche Scientifique (CNRS), Université de Versailles Saint Quentin (UVSQ), Institut Pierre et Simon Laplace (IPSL), Laboratoire des Sciences du Climat et de l' Environnement (LSCE), L'Orme des Merisiers - Bat 712, Bureau 110, 91191 Gif sur Yvette, Cedex, France.

Dates 1 September 2010 – 31 December 2011

Occupation or position held Post doctoral researcher

Main activities and responsibilities Chemical analyses of Cs-137, Sr-90 and mixed-fission products for the Greek monitoring system. Preparation and gamma spectrometric measurements of consuming goods constructing and other materials for the provision of services program of Environmental Radioactivity Laboratory.

Name and address of employer National Centre for Scientific Research "Demokritos" (NCSR), Institute of Nuclear Technology – Radiation Protection (INT-RP), Environmental Radioactivity Laboratory (ERL), Patriarhou Grigoriou, 15310 Agia Paraskevi – Attiki, Greece.

Dates 10 February 2010 - 09 July 2010

Occupation or position held Analyst

Main activities and responsibilities Chemical analyses of metals, carbon, sulfur in different samples provided to the Greek army using AAS and Elemental Analysis. Salt corrosion tests in metal samples.

Name and address of employer Ministry of Defence, Hellenic Army, Hellenic Army Chemical Laboratory, 1 Argiroupoleos, 18755 Keratsini – Attiki, Greece.

Dates 01 June 2006 - 20 August 2010

Occupation or position held Research fellow

Main activities and responsibilities Oceanographic studies using radionuclides as tracer tools.

Name and address of employer National Centre for Scientific Research "Demokritos" (NCSR), Institute of Nuclear Technology – Radiation Protection (INT-RP), Environmental Radioactivity Laboratory (ERL), Patriarhou Grigoriou, 15310 Agia Paraskevi – Attiki, Greece

Dates 01 February 2004 - 31 August 2005

Occupation or position held Research fellow

Main activities and responsibilities Assessment of comparative consequences of radiological and chemical pollution in natural populations of aquatic organisms. A discrimination parameter based on the evolution of chromosomal vitiations.

Name and address of employer National Centre for Scientific Research "Demokritos" (NCSR), Institute of Nuclear Technology – Radiation Protection (INT-RP), Environmental Radioactivity Laboratory (ERL), Patriarhou Grigoriou, 15310 Agia Paraskevi – Attiki, Greece

Education and training

Dates 17 October 2005 - 03 May 2010

Title of qualification awarded Ph.D. in Chemistry

Principal subjects / occupational skills covered Study on the distribution of radioisotopes and trace elements in the marine environment (DOI:10.12681/eadd/28708).

Name and type of organisation providing education and training National and Kapodistrian University of Athens (Department of Chemistry), University Campus, Zografou, 15771 Athens (Greece)

Level in national or international classification Honours

Dates 01 October 2003 - 05 July 2005

Title of qualification awarded M.Sc. in Environmental Chemistry

Principal subjects / occupational skills covered Cesium – 137 horizontal dispersion and vertical distribution in the water column of Corinthiakos and Patraikos Gulf: Determination of activity concentrations using two methods, in comparison.

Name and type of organisation providing education and training National and Kapodistrian University of Athens (Department of Chemistry), University Campus, Zografou, 15771 Athens (Greece)

Level in national or international classification Honours

Dates 01 October 1998 - 25 July 2003

Title of qualification awarded B.Sc. in Chemistry

Name and type of organisation providing education and training University of Ioannina (Department of Chemistry), University Campus, Ioannina, 45110 Ioannina (Greece)

Level in national or international classification 6.35/10.00

Personal skills and competences

Mother tongue(s) **Greek**

Other language(s)

Self-assessment
European level (*)

English
Norwegian (Bokmål)

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences

- Team spirit;
- Good ability and willingness to work under a tight timetable;
- Determination in setting goals and reaching them;
- Very good knowledge of various aspects of Environmental Chemistry;
- Good and polite character with a general desire for further education.

Organisational skills and competences

- Supervision of educational projects (responsible for the design and data interpretation in M.Sc. projects).

Computer skills and scientific programming

- Unix / Linux; Python, Ferret NOA PMEL, Unidata Integration Data Viewer (IDV) and Alfred Wegener Institute for Polar and Marine Research (AWI) Ocean Data View (ODV);
- Fortran 77/90 scientific programming;
- Text editing manipulation using GNU Emacs and Vim, netCDF Operator (NCO);
- Excellent command of Microsoft Office tools (graduate of European Computer Driving Licence - ECDL - by the Greek Computer Society);
- Graphic design applications (GNU Image Manipulation Program – GIMP), Statistical applications (OriginPro, Statistica).

Other skills and competences

- Sports, Blogging (Personal Blog: <https://folk.nilu.no/~nikolaos/index.html>)

Driving licence(s)

B

Honors and awards

- Post Graduate Fellowship from the National and Kapodistrian University of Athens for high score in M.Sc. Program (July 2015)
- Post Graduate Four Year Doctoral Fellowship from the National Centre for Scientific Research, "Demokritos" after outstanding performance in examinations (December 2009).

Additional information

- Teaching Experience (October 2003 – March 2005: Supervision and demonstration in laboratory exercises on Environmental Chemistry and Chemical Oceanography, National and Kapodistrian University of Athens, Department of Chemistry, Laboratory of Environmental Chemistry);

Major funded research projects

1. Quantification of Global Ammonia Sources constrained by a Bayesian Inversion Technique (COMBAT), **May 2018 – April 2021** funded by ROMFORSK — Program for romforskning of the Research Council of Norway (Project ID: 275407, coordinator: Dr. Nikolaos Evangeliou, NILU – Norwegian Institute for Air Research, Norway, budget: 7.5 million kroner), website: <https://www.forskningsradet.no/prosjektbanken/#/project/NFR/275407>.
2. Critical steps in understanding land surface – atmosphere interactions: from improved knowledge to socioeconomic solutions (CRUCIAL), **December 2016 – December 2017** funded by the Nordic-Russian Cooperation Programme in Education and Research of NordForsk (Project ID: 81257, coordinator: Dr. Markku Kulmala, University of Helsinki, budget for NILU: 388 thousand kroner), website: <https://www.nordforsk.org/en/programmes-and-projects/projects/critical-steps-in-understanding-land-surface-atmosphere-interactions-from-improved-knowledge-to-socioeconomic-solution>.
3. Source-Term Determination of Radionuclide Releases by Inverse Atmospheric Dispersion Modelling (STRADI), **September 2014 – April 2017** funded by the Czech-Norwegian Research Programme (CZ09) program of the Research Council of Norway (Project ID: 7F14287, coordinator: Dr. Vaclav Smidl, UTIA - Institute of Information Theory and Automation, Czechia, budget: 795 thousand euros), website: <https://eeagrants.org/project-portal/project/CZ09-0006>.
4. The Role of Short-Lived Climate Forcers in the Global Climate, **June 2014 – December 2017** funded by KLIMAFORK program of the Research Council of Norway (Project ID: 235548, coordinator: Dr. Steffen Kallbekken, CICERO Senter for Klimaforskning, Norway, budget: 15.5 million kroner), website: <https://www.forskningsradet.no/prosjektbanken/#/project/NFR/235548>.
5. Emissions of Short-Lived Climate Forcers near and in the Arctic (SLICFONIA), **January 2014 – January 2016** funded by the NORRUSS research program of the Research Council of Norway (Project ID: 233642, coordinator: Dr. Andreas Stohl, NILU – Norwegian Institute for Air Research, Norway, budget: 4.2 million kroner), website: https://www.forskningsradet.no/prognett-geopolitikk-nord/Nyheter/NOK_255_million_to_NorwegianRussian_polar_and_petroleum_research/1253991144397&lang=en.
6. Quantifying the Contributions of Fire Emissions from Forests, Grasslands, and Agriculture to Black Carbon in Siberia and the FSU, **March 2014 – August 2014** (Coordinator: Dr. Wei Min Hao, United States Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory, Missoula, MT, USA).
7. Radioactivity, climate, fire and human health: A second Chernobyl catastrophe about to happen? (RadioClimFire), Paris Research Consortium Climate-Environment-Society (GIS-CLIMAT), **January 2012 – February 2014** (Coordinator: Dr. Anders Pape Møller, Laboratoire d'Ecologie, Systématique et Evolution. CNRS UMR 8079, Université Paris-Sud, France), website: <http://www.gisclimat.fr/en/node/1278>.

International project referee

NASA – National Aeronautics and Space Administration (2018)	Panel member, Atmospheric Composition: Modeling and Analysis (ACMAP) (https://science.nasa.gov/earth-science/programs/research-analysis/atmospheric-composition/).
University of the Aegean, Greece (2017).	Evaluator, Programme YPATIA (https://www.ru.aegean.gr/ypatia/php/start.php).
National Research Development and Innovation, Hungary (2017)	Evaluator, NKFIH funding scheme (http://nkfih.gov.hu)

International journal referee

Elsevier	Journal of Environmental Radioactivity, Environment International, The Science of the Total Environment, Deep Sea Research I, Environment International, Progress in Nuclear Energy.
Springer	Environmental Monitoring and Assessment, Environmental Science and Pollution Research.
Royal Society Of Chemistry	Journal of Environmental Monitoring.
American Chemical Society	Environmental Science and Technology, Environmental Science and Technology Letters.
European Geosciences Union	Atmospheric Chemistry and Physics, Earth System Science Data.

Community services

- 2018 – today Board member, Nordic Society for Aerosol Research (<http://www.nosa-aerosol.org>).
- 2016 – today Member, European Geosciences Union, Austria (<https://www.egu.eu>).
- 2004 – today Member, Hellenic Nuclear Physics Society, Greece.
- 2003 – today Member, Hellenic Association of Chemists, Greece.

Monitoring activities / services

- Radioactivity measurements of consuming goods, constructing and other materials for radiological quality assessment (issued certificates).
- Designing and valuation of environmental studies.

Seminars and training courses

1. "Inverse and forward modeling after accidental releases. The case of Fukushima (Japan)", 29 June – 3 July 2015, Greece (Invited lecture).
2. "Nuclear Techniques and the Environment", 6-9 February 2012, Slovak Republic (Invited lecture).
3. IAEA - RER/7/003 - Final Technical Meeting, Budva, Montenegro, 1-5 November 2010.
4. IAEA - C7-RER-7.005-002, 2010. "Regional training course on radiation protection of the environment for junior specialists", IAEA & NCSR "Demokritos", Athens, Greece, 4-8 October 2010.
5. IAEA – RER/8/009, 2008. "Regional training course on validation, evaluation, and interpretation of data generated from airborne particulate matter measurements", IAEA & Institute of Nuclear Physics of Tirana, Tirana, Albania, 23-27 June 2008.
6. IAEA – RER/7/003, 2007. "International scientific cruise to Adriatic and Ionian seas", IAEA & Department for Radiation Protection – Institute for Medical Research and Occupational Health of Croatia, Adriatic Sea, 24 September 2007 – 5 October 2007.
7. IAEA – RER/7/003, 2007. "Regional training course on analytical methods and quality management in marine environmental radioactivity studies", IAEA, Karlsruhe, Germany, 18-29 June 2007.
8. IAEA – RER/7/003, 2007. "Planning and coordination meeting", IAEA & GAEC, Athens, Greece, 15- 16 March 2007.
9. IAEA – RER/7/003, 2006. "Regional advanced training course on sampling, sample preparation and analysis for the measurement of radionuclides in the marine environment", IAEA & Rudger Boskovic Institute of Croatia Rovinj, Croatia, 2-12 May 2006.

Peer reviewed publications

1. Balkanski, Y., Menut, L., Garnier, E., Wang, R., **Evangelou, N.**, Jourdain, S., Eschstruth, C., Vrac, M., and Yiou, P. (2018), "Mortality induced by PM2.5 exposure following the 1783 Laki eruption using reconstructed meteorological fields", Nature Scientific Reports, 8, 15896, <https://doi.org/10.1038/s41598-018-34228-7>.
2. **Evangelou, N.**, Thompson, R. L., Eckhardt, S., and Stohl, A. (2018), "Top-down estimates of black carbon emissions at high latitudes using an atmospheric transport model and a Bayesian inversion framework", Atmospheric Chemistry & Physics, 18, 15307-15327, <https://doi.org/10.5194/acp-18-15307-2018>, 2018.
3. Lin, X., Ciais, P., Bousquet, P., Ramonet, M., Yin, Y., Balkanski, Y., Cozic, A., Delmotte, M., **Evangelou, N.**, Indira, N. K., Locatelli, R., Peng, S., Piao, S., Saunio, M., Swathi, P. S., Wang, R., Yver-Kwok, C., Tiwari, Y. K., Zhou, L. (2018), "Simulating CH4 and CO2 over South and East Asia using the zoomed chemistry transport model LMDz-INCA", Atmospheric Chemistry & Physics, 18, 9475-9497, <https://doi.org/10.5194/acp-18-9475-2018>.
4. Murphy, D. M., Froyd, K. D., Apel, E., Blake, D., Blake, N., **Evangelou, N.**, Hornbrook, R. S., Peischl, J., Ray, E., Ryerson, T. B., Thompson, C., Stohl, A. (2018), "An aerosol particle containing enriched uranium encountered in the remote upper troposphere", Journal of Environmental Radioactivity, 184-185, 95-100, doi: 10.1016/j.jenvrad.2018.01.006.
5. **Evangelou, N.**, Shevchenko, V. P., Yttri, K. E., Eckhardt, S., Sollum, E., Pokrovsky, O. S., Kobelev, V. O., Korobov, V. B., Lobanov, A. A., Starodymova, D. P., Vorobiev, S. N., Thompson, R. L., and Stohl, A. (2018), "Origin of elemental carbon in snow from western Siberia and northwestern European Russia during winter–spring 2014, 2015 and 2016", Atmospheric Chemistry & Physics, 18, 963-977, doi:10.5194/acp-18-963-2018.
6. Eckhardt, S., Cassiani, M., **Evangelou, N.**, Sollum, E., Pisso, I., Stohl, A., (2017) "Source-receptor matrix calculation for deposited mass with the Lagrangian particle dispersion model

- FLEXPART v10.2 in backward mode", Geoscientific Model Development Discussions, submitted.
7. **Evangelou, N.**, Hamburger, T., Cozic, A., Balkanski, Y., and Stohl, A. (2017) "Inverse modelling of the Chernobyl source term using atmospheric concentration and deposition measurements", Atmospheric Chemistry and Physics Discussions, doi:10.5194/acp-2017-330.
 8. Popovitseva, O. B., **Evangelou, N.**, Eleftheriadis, K., Kalogridis, A. C., Sitnikov, N., Eckhardt, S., Stohl A. (2017), "Black Carbon Sources Constrained by Observations in the Russian High Arctic", Environmental Science & Technology, 51 (7), 3871–3879, doi:10.1021/acs.est.6b05832.
 9. Hao, W. M., Petkov, A., Nordgren, B. L., Corley, R. E., Silverstein, R. P., Urbanski, S. P., **Evangelou, N.**, Balkanski, Y., Kinder, B. L. (2016), "Daily black carbon emissions from fires in northern Eurasia for 2002–2015", Geoscientific Model Development, 9, 4461–4474, doi:10.5194/gmd-9-4461-2016.
 10. **Evangelou, N.**, Hamburger, T., Talerko, N., Zibtsev, S., Bondar, Yu., Stohl, A., Balkanski, Y., Mousseau, T. A., Møller, A. P. (2016), "Reconstructing the Chernobyl Nuclear Power Plant (CNPP) accident 30 years after. A unique database of air concentration and deposition measurements over Europe", Environmental Pollution, 216, 408-418, doi:10.1016/j.envpol.2016.05.030.
 11. Shevchenko, V. P., Kopeikin, V. M., **Evangelou, N.**, Lisitzin, A. P., Novigatsky, A. N., Pankratova, N. V., Starodymova, D. P., Stohl, A., Thompson R. (2016), "Atmospheric Black Carbon over the North Atlantic and the Russian Arctic Seas in summer– autumn time", Chemistry for Sustainable Development, 24, 441–446, doi:10.15372/KhUR20160402.
 12. **Evangelou, N.**, Balkanski, Y., Hao, W. M., Petkov, A., Silverstein, R. P., Corley, R., Nordgren, B. L., Urbanski, S. P., Eckhardt, S., Stohl, A., Tunved, P., Crepinsek, S., Jefferson, A., Sharma, S., Nøjgaard, J. K., Skov, H. (2016), "Wildfires in northern Eurasia affect the budget of black carbon in the Arctic – a 12-year retrospective synopsis (2002–2013)", Atmospheric Chemistry and Physics, 16, 7587-7604, doi:10.5194/acp-16-7587-2016.
 13. **Evangelou, N.**, Zibtsev, S., Myroniuk, V., Zhurba, M., Hamburger, T., Stohl, A., Balkanski, Y., Paugam, R., Mousseau, T. A., Møller, A. P., Kireev, S. I. (2016), "Resuspension and atmospheric transport of radionuclides due to wildfires near the Chernobyl Nuclear Power Plant in 2015: An impact assessment", Nature Scientific Reports, 6, 26062, doi:10.1038/srep26062.
 14. Kristiansen, N. I., Stohl, A., Olivié, D. J. L., Croft, B., Søvde, O. A., Klein, H., Christoudias, T., Kunkel, D., Leadbetter, S. J., Lee, Y. H., Zhang, K., Tsigaridis, K., Bergman, T., **Evangelou, N.**, Wang, H., Ma, P.-L., Easter, R. C., Rasch, P. J., Liu, X., Pitari, G., Di Genova, G., Zhao, S. Y., Balkanski, Y., Bauer, S. E., Faluvegi, G. S., Kokkola, H., Martin, R. V., Pierce, J. R., Schulz, M., Shindell, D., Tost, H., and Zhang, H. (2016), "Evaluation of observed and modelled aerosol lifetimes using radioactive tracers of opportunity and an ensemble of 19 global models", Atmospheric Chemistry and Physics, 16, 3525-3561, doi:10.5194/acp-16-3525-2016.
 15. Aliyu, A. S., **Evangelou, N.**, Mousseau, T. A., Wu, J., Ramli, A. T. (2015), "An overview of current knowledge concerning the health and environmental consequences of the Fukushima Daiichi Nuclear Power Plant (FDNPP) accident", Environment International, 85, 213–228.
 16. **Evangelou, N.**, Balkanski, Y., Florou, H., Eleftheriadis, K., Cozic, A., Kritidis, P. (2015), "Global deposition and transport efficiencies of radioactive species with respect to modelling credibility after Fukushima (Japan, 2011)", Journal of Environmental Radioactivity, 149, 164–175.
 17. **Evangelou, N.**, Balkanski, Y., Cozic, A., Hao, W.M., Mouillot, F., Thonicke, K., Paugam, R., Zibtsev, S., Mousseau, T.A., Wang, R., Poultier, B., Petkov, A., Yue, C., Cadule, P., Koffi, B., Kaiser, J. W., Møller, A.P. (2015), "Fire evolution in the radioactively contaminated forests of Ukraine and Belarus: future risks for the European population and the environment", Ecological Monographs, 85(1), 49–72.
 18. **Evangelou, N.**, Balkanski, Y., Cozic, A., Hao, W.M., Møller, A.P. (2014). "Wildfires in Chernobyl-contaminated forests and risks to the population and the environment: A new nuclear disaster about to happen?", Environment International, 73, 346–358.
 19. **Evangelou, N.**, Balkanski, Y., Cozic, A., Møller, A.P. (2014). "How "lucky" we are that the Fukushima nuclear accident occurred in early spring. Predictions on the contamination levels from various fission products released from the accident and updates on the risk assessment for solid and thyroid cancers", The Science of the Total Environment, 500–501, 155–172.
 20. **Evangelou, N.**, Florou, H., N., Kritidis, P. (2014), "Cs-137 in marine sediments of the Greek marine environment from the pre-Chernobyl age to the present", Environmental Science and Technology Letters, 1, 102–107.
 21. **Evangelou, N.**, Balkanski, Y., Cozic, A., Møller, A.P. (2014), "Global and local health risk assessment after the Fukushima Nuclear Power Plant accident as seen from Chernobyl: A modeling study for radiocaesium (¹³⁴Cs & ¹³⁷Cs)", Environment International, 64, 17–27.
 22. **Evangelou, N.** and Florou, H. (2013), "Evaluation of processes occurring in the Bottom Nepheloid Layer (BNL) of an eastern Mediterranean area using ²³⁴Th/²³⁸U disequilibria", Environmental Monitoring and Assessment, 185, 7097–7113.

23. **Evangelioiu, N.** and Florou, H. (2013), "Spatial distribution and mobility of organic carbon (POC and DOC) in a coastal Mediterranean environment (Saronikos Gulf, Greece) during 2007 - 2009 period", *Environmental Science and Pollution Research*, 20, 5708–5721.
24. **Evangelioiu, N.**, Florou, H., Psomiadou, Ch. (2013), "Size-fractionated POC fluxes estimated using $^{234}\text{Th}/^{238}\text{U}$ disequilibria in an enclosed region of Eastern Mediterranean during a bloom event", *Fresenius Environmental Bulletin*, 22 (7a), 1–11.
25. **Evangelioiu, N.**, Balkanski, Y., Cozic, A., Møller, A. P. (2013), "Simulations of the transport and deposition of ^{137}Cs over Europe after the Chernobyl NPP accident: influence of varying emission-altitude and model horizontal and vertical resolution", *Atmospheric Chemistry and Physics*, 13, 7183–7198.
26. **Evangelioiu, N.**, Balkanski, Y., Cozic, A., Møller, A.P. (2013), "Global transport and deposition of ^{137}Cs following the Fukushima NPP accident in Japan. Emphasis in Europe and Asia using high-resolution model-versions and radiological impact assessment to the population and the environment using interactive tools", *Environmental Science and Technology*, 47, 5803–5812.
27. **Evangelioiu, N.**, Florou, H., Kritidis, P. (2012), "Distribution of low-level natural radioactivity in a populated marine region of eastern Mediterranean Sea", *Radiation Protection Dosimetry*, 152 (4), 345-360.
28. Kritidis, P., Florou, H., Eleftheriadis, K., **Evangelioiu, N.**, Gini, M., Sotiropoulou, M., Diapouli, E., Vratolis, S. (2012), "Radioactive pollution in Athens, Greece due to the Fukushima nuclear accident", *Journal of Environmental Radioactivity*, 114, 100–104.
29. Tsabaris, C., **Evangelioiu, N.**, Fillis, E., Sotiropoulou, M., Patiris, D.L., Florou, H. (2012), "Distribution of natural radioactivity in sediment cores in Amvrakikos Gulf (Western Greece) as a part of IAEA's campaign in Adriatic and Ionian Seas", *Radiation Protection Dosimetry*, 150 (4), 474–487.
30. **Evangelioiu, N.** and Florou, H. (2012), "The dispersion of ^{137}Cs in a shallow Mediterranean embayment (Saronikos Gulf – Elefsis Bay), estimated inventories and residence times", *Journal of Environmental Radioactivity*, 113, 87–97.
31. Florou, H., Nicolaou, G., **Evangelioiu N.** (2012), "Erratum to "The concentration of ^{137}Cs in the surface of the Greek marine environment"", *Journal of Environmental Radioactivity*, 113, 203.
32. **Evangelioiu, N.**, Florou, H., Scoullou, M. (2011), "POC and particulate ^{234}Th export fluxes estimated using $^{234}\text{Th}/^{238}\text{U}$ disequilibrium in an enclosed Eastern Mediterranean region (Saronikos Gulf and Elefsis Bay, Greece) in seasonal scale", *Geochimica et Cosmochimica Acta*, 75, 5367–5388.
33. Florou, H., Nicolaou, G., **Evangelioiu N.** (2010), "The concentration of ^{137}Cs in the surface of the Greek marine environment", *Journal of Environmental Radioactivity*, 101, 654–657.
34. **Evangelioiu, N.**, Florou, H., Scoullou, M. (2010), "A preliminary study of particle dynamics in the water column of Saronikos Gulf, Greece, by using Th-234/U-238 disequilibrium approach", *Desalination and Water Treatment*, 13, 290–302.
35. **Evangelioiu, N.**, Florou, H., Bokoros, P., Scoullou, M. (2009), "Temporal and spatial distribution of ^{137}Cs in Eastern Mediterranean sea: Horizontal and vertical dispersion in two regions", *Journal of Environmental Radioactivity*, 100, 626–636.
36. Florou, H., Tsytsugina, V., Polikarpov, G. G., Vosniakos, F.K., **Evangelioiu, N.** (2009), "A comparative study on genotoxic effects in oligochaeta from areas with elevated natural and artificial radioactivity", *Journal of Environmental Protection and Ecology*, 3, 807–814.

Conferences

1. **Evangelioiu, N.**, Kylling, A., Eckhardt, E., Myroniuk, V., Stebel, K., Paugam, R., Zibitsev, S., Stohl, A. (2018), "Open Fires in Greenland: An Unusual Event and its Impact on the Albedo of the Greenland Ice Sheet", *EGU General Assembly*, Vol. 20, EGU2018-12383, 2018, 8-13 April 2018, Vienna, Austria.
2. Eckhardt, S., Cassiani, M, **Evangelioiu, N.**, Sollum, E., Pisso, I., McConell, J., Stohl, A. (2018), "Modelling the BC deposition in Arctic ice-cores by source–receptor matrix calculation for deposited mass with FLEXPART", *EGU General Assembly*, Vol. 20, EGU2018-18081, 2018, 8-13 April 2018, Vienna, Austria.
3. **Evangelioiu, N.**, Eckhardt, S., Balkanski, Y., Stohl, A. (2018), "Quantification of Global Ammonia Sources constrained by a Bayesian Inversion Technique (COMBAT)", *EGU General Assembly*, Vol. 20, EGU2018-7582, 2018, 8-13 April 2018, Vienna, Austria.
4. Vargas, A., Arnold, D., **Evangelioiu, N.**, Maurer, C., Amor Duch, M. (2018), "Dose calculations for aviation using atmospheric transport modelling and radioprotection tools", *EGU General Assembly*, Vol. 20, EGU2018-10368, 2018, 8-13 April 2018, Vienna, Austria.

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