

CURRICULUM VITAE

Costas  
Gavrilakis

October 2021

## CONTENTS

A. PERSONAL INFORMATION .....	2
B. WORK EXPERIENCE .....	2
C. STUDIES.....	2
D. RESEARCH & EDUCATIONAL PROJECTS .....	3
E. PUBLICATIONS.....	8
Dissertations .....	8
Books.....	8
Books' scientific editing.....	8
Articles in peer reviewed journals.....	9
Research reports .....	9
Book chapters .....	10
Articles in conference proceedings with peer reviewing .....	11
Educational material (author / editor) .....	13
Educational material (updating).....	15
Translations.....	15
F. CONFERENCES WITHOUT PROCEEDINGS .....	15
G. JOURNALS: MEMBER OF EDITORIAL BOARD & REVIEWER .....	16
H. TEACHING EXPERIENCE (selected).....	16
Postgraduate courses.....	16
E-learning .....	16
Undergraduate courses.....	17
Further teachers' education.....	17

## A. PERSONAL INFORMATION

Name: **Costas Gavrilakis**

Current position: Associate Professor

Scientific field: Environmental and Sustainability Education

Director of the Geographical and Environmental Education Lab

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University of Ioannina

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## B. WORK EXPERIENCE

**2021-present:** Associate Professor, Department of Primary Education, University of Ioannina – Field: ‘Environmental and Sustainability Education’.

**2016-2021:** Assistant Professor, Department of Primary Education, University of Ioannina – Field: ‘Environment – Environmental Education’.

**2013-2016:** Lecturer, Department of Primary Education, University of Ioannina – Field: ‘Environment – Environmental Education’.

**2001-2013:** Administrative staff at the University of the Aegean.

## C. STUDIES

### PhD

**2007** Department of Environmental Studies, University of the Aegean, Greece  
Postgraduate program ‘Environmental Policy and Management’  
Dissertation title: *Development and Formative Evaluation of a Virtual Working Environment for the Planning of Environmental Education Programs*

### MSc

**2000** Department of Environmental Studies, University of the Aegean, Greece  
Postgraduate program ‘Environmental Policy and Management’

**BSc**

1996 Department of Environmental Studies, University of the Aegean, Greece

## D. RESEARCH & EDUCATIONAL PROJECTS

**2020-present:**

Title: PROMoting Sustainable Living through the Education about Ecological Footprint (RRO.S.L.E.E.F.)  
Funding: Hellenic Foundation for Research & Innovation (H.F.R.I.)  
Implementation: Aristotle University of Thessaloniki – Department of Primary Education  
Role and contribution: Research associate  
Principal investigator: G. Malandrakis, Assistant Professor  
Site: <https://greekecologicalfootprint.web.auth.gr/>

**2019-2021:**

Title: Development of educational material for the UNESCO Global Geopark of Vikos-Aoos  
Funding: Development Agency of Epirus SA – Region of Epirus  
Implementation: Geographical and Environmental Education Laboratory - Department of Primary Education - University of Ioannina  
Role and contribution: Principal investigator

**2018-2021:**

Title: Digital School II: Extension and Use of the Digital Educational Platform, Interactive Books and the Learning Objects Repository  
Funding: Operational Program “Human Resources Development, Education and Lifelong Learning” of the Ministry of Education and Religious Affairs, Co-financed by the European Union (European Social Fund) and the Greek State under the NSRF 2014-2020. Act Ref. No. 5001312.  
Implementation: Computer Technology Institute and Press “Diophantus”  
Role and contribution: Scientific coordinator, overseeing the creation and development of digital educational material tailored for Environmental Education/Education for Sustainable Development (ED/ESD)  
Site: <http://dschool.edu.gr/dschool2-project/> - <http://photodentro.edu.gr/lor/r/8521/10462/simple-search?locale=el&query=&newQuery=true>

**2016:**

Title: E-learning program “Adult Education Teacher Training: Designing & Implementing Programs” (“Adult Education Principles”) – ‘University of the Aegean - A key factor for the economic and social development of the Aegean Region. Support and Promotion of Establishments of Higher Education on the Aegean islands, Action 2: Organization and delivery of interdisciplinary and cross-departmental curricula and training programs via e-learning for lifelong learning’

Funding: EU - National Strategic Reference Framework (NSRF)  
Implementation: University of the Aegean  
Role and contribution: Research associate and instructor  
Principal investigator: Professor Ch. Vitsilaki  
Site: <https://e-epimorfosi.aegean.gr/education-adducator-add/>

**2015-2018:**

Title: S.A.M.E. WORLD - SUSTAINABILITY-AWARENESS-MOBILISATION-ENVIRONMENT in the Global Education for EYD 2015  
Funding: Co-financed by EuropeAid 2014 “Non-State Actors and Local Authorities in Development” Program, Contract No: DCI NSA-ED/2014/338-120  
Implementation: Coordinator: C.I.E.S. Onlus (IT). National Coordinator for Greece: Computer Technology Institute and Press “Diophantus”  
Role and contribution: Research associate  
Site: <http://www.sameworld.eu/>

**2014-2015:**

Title: Mathematical Creativity Squared (M C Squared) – Development of c-books on environmental and sustainability issues  
Funding: 7th Framework Program for Research, Technological Development and Demonstration (ICT-2013.8.1 “Technologies and scientific findings in the field of creativity” Project 610467)  
Implementation: National and Kapodistrian University of Athens - School of Philosophy, Faculty of Philosophy, Education and Psychology  
Role and contribution: Research associate  
Principal investigator: Professor Ch. Kynigos  
Site: <http://www.mc2-project.eu/>

**2013-2014:**

Title: Producing educational tools to educate students on earthquakes and other natural disasters – DEUCALION – Part of Digital Educational Material Creation - Digital Database - Infrastructure for a Digital School and Digital School Materials  
Funding: EU - National Strategic Reference Framework (NSRF)  
Implementation: University of Ioannina  
Role and contribution: Research associate  
Principal investigator: Professor A. Mikropoulos  
Site: <http://deucalion.edu.gr/>

**2012-2016:**

Title: E-learning program “Education for Sustainable Development” – ‘University of the Aegean - A key factor for the economic and social development of the Aegean Region. Support and Promotion of Establishments of Higher Education on the Aegean islands, Action 2: Organization and delivery of interdisciplinary and cross-departmental curricula and training programs via e-learning for lifelong learning’  
Funding: EU - National Strategic Reference Framework (NSRF)

Implementation: University of the Aegean  
Role and contribution: Research associate and instructor  
Principal investigator: G. Liarakou, Associate Professor  
Site: <https://e-epimorfosi.aegean.gr/env-program-home>

**2011-2014:**

Title: Collaboration of Schools and Communities for Sustainable Development – CoDeS  
Funding: European Commission, LLP-Comenius  
Implementation: Environment and School Initiatives (ENSI)  
Role and contribution: Research associate of the University of the Aegean’s project team  
Principal investigator: G. Liarakou, Associate Professor  
Site: [https://ensi.org/Projects/Our\\_Projects/CoDeS/](https://ensi.org/Projects/Our_Projects/CoDeS/)

**2008:**

Title: Selection and preparation of digital learning resources (e-learning) on topics of local impact  
Funding: Dodecanese Prefecture  
Implementation: University of the Aegean  
Role and contribution: Research associate  
Principal investigator: Professor Ch. Vitsilaki  
Site: <http://lms.nad.gr>

**2008:**

Title: Cross-Border Collaboration and Knowhow Exchange on the Use of Educational Technology in Environmental Education  
Funding: EU, INTERREG IIIA/CARDS Greece - FYROM  
Implementation: Goulandris Museum of Natural History - Greek Biotope-Wetland Centre (EKBY)  
Role and contribution: Research associate  
Principal investigator: Professor E. Flogaitis  
Site: <http://repository.biodiversity-info.gr/handle/11340/1958>

**2008:**

Title: Designing an operational plan for education for sustainable development  
Funding: EU, Ministry of Education and Religious Affairs (Operational Program for Education and Initial Vocational Training II – EPEAEK II) - Measure 6.2.  
‘Development phase and preparation of the 4th program term’ of Operational Program ‘Education and Initial Vocational Training’ 2000-2006  
Implementation: Goulandris Museum of Natural History - Greek Biotope-Wetland Centre (EKBY)  
Role and contribution: Research associate  
Principal investigator: Professor E. Flogaitis  
Site: <http://repository.edulll.gr/edulll/retrieve/998/172.pdf>

**2007-2009:**

Title: Environmental Education Portal for Primary Schools  
Funding: Bodossaki Foundation  
Implementation: University of the Aegean - Department of Primary Education  
Role and contribution: Project team member  
Principal investigator: K. Tsolakidis, Assistant Professor  
Site: [www.env-edu.gr](http://www.env-edu.gr)

**2007-2008:**

Title: Creating Educational Resources for Protected Areas  
Funding: EU, Ministry of Education and Religious Affairs (Operational Program for Education and Initial Vocational Training II – EPEAEK II)  
Implementation: Greek Biotope-Wetland Center, National and Kapodistrian University of Athens  
Role and contribution: Research associate  
Principal investigator: Professor E. Flogaitis  
Site: <http://repository.biodiversity-info.gr/handle/11340/1957>

**2002-2006:**

Title: Environmental Education School Programs  
Funding: EU, Ministry of Education and Religious Affairs (Operational Program for Education and Initial Vocational Training II – EPEAEK II)  
Implementation: University of the Aegean  
Role and contribution: Research associate  
Principal investigator: Professor Th. Lekkas  
Site: <http://www.hellaskps.gr/bestpractices/proj.asp?pld=76>

**1999-2000:**

Title: Planning and Development of Educational Material for Environmental Education  
Funding: EU, Ministry of Education and Religious Affairs/EIN (Operational Program for Education and Initial Vocational Training I – EPEAEK I)  
Implementation: University of the Aegean - Department of Environmental Studies  
Role and contribution: Research associate – Development of educational material  
Principal investigator: Professor K. Sofoulis

**1998-2000:**

Title: School Network of Small Islands of the Aegean region – DOLICHI  
Funding: Ministry of Education and Religious Affairs, LEMOU Foundation, Oinousses Cultural Center  
Implementation: ‘Technognostiki’, University of the Aegean - Department of Environmental Studies  
Role and contribution: Director of the ‘Patridognosia team’  
Principal investigator: Professor K. Sofoulis

**1998-2000:**

Title: Adopt and Protect the Bay of Kalloni in Lesvos

Funding: General Secretariat for Youth  
Implementation: Environmental Education Association of the Department of Environmental Studies (SPATPE)  
Role and contribution: Planning and implementation director of the program  
Site: <http://www.aegean.gr/spatpe/iotheto.htm>  
*\* This Program won the Panhellenic Award for 'Best Educational Proposal to Build Environmental Consciousness in Students' awarded by EYDAP (The National Water Supply and Sewerage Company).*

**1998:**

Title: Aegean Archipelago – A program aiming to promote the Aegean Archipelago as a cultural park of Europe  
Proposal approved by: UNESCO, the Ministry of Culture, the Ministry for the Environment, Physical Planning and Public Works and the Ministry for the Aegean  
Implementation: University of the Aegean  
Role and contribution: Expert associate  
Principal investigator: Professor K. Sofoulis  
Site: <http://www.aegean.gr/archipelagos/>

**1997-1998:**

Title: Emergency Response Operational Plan of the Municipality of Heraklion in Crete for Earthquake Disaster Management  
Funding: Earthquake Planning and Protection Organisation (OASP), Municipality of Heraklion Crete  
Implementation: University of the Aegean - Department of Geography  
Role and contribution: Research associate  
Principal investigator: P. Delladetsimas, Assistant Professor

**1996:**

Title: Environmental Awareness and Education in the North Aegean Islands  
Funding: Municipality of Mytilene, European Union  
Implementation: University of the Aegean - Department of Environmental Studies  
Role and contribution: Planning and implementation team member  
Principal investigator: Ch. Mandylas

**1996:**

Title: Energy Auditing of Public Buildings in Mytilene  
Funding: Municipality of Mytilene, European Union  
Role and contribution: Research associate  
Principal investigator: Ch. Mandylas

**1995:**

Title: Development of Karpathos Island's Waste Management System  
Funding: Prefecture of the Dodecanese  
Implementation: University of the Aegean  
Role and contribution: Research associate

Principal investigator: C. Halvadakis, Assistant Professor

### 1992:

Title: Waste Management System in the Apokoronas Region of Crete: 1992-2012

Funding: Commission of the European Communities DGXI, WWF

Implementation: C.P. Halvadakis & Co. BIOSPHERIKI GENERAL PARTNERSHIP,  
University of the Aegean

Role and contribution: Research associate

Principal investigator: C. Halvadakis, Assistant Professor

## E. PUBLICATIONS

### Citations:

More than **370** citations on the following publications according to Google Scholar.

### Dissertations

1. **Gavrilakis, C.** (2007). *Development and Formative Evaluation of a Virtual Working Environment for the Planning of Environmental Education Programs*. PhD Dissertation, Postgraduate program 'Environmental Policy and Management', Dept of Environmental Studies, University of the Aegean.
2. **Gavrilakis, C.** (2000). *Architecture of a Virtual Working Environment for the Planning of Environmental Education Programs*. Master Thesis, Postgraduate program 'Environmental Policy and Management', Dept of Environmental Studies, University of the Aegean.
3. **Gavrilakis, C.**, Georgiadis, G. (1996). *A Waste Management System for Olive Oil Mills of Lesvos Island*. Thesis, Dept of Environmental Studies, University of the Aegean.

### Books

4. Flogaiti, E., Liarakou, G. and **Gavrilakis, C.** (2021). *Participatory methods of teaching and learning. Applications in environmental and sustainability education*. Athens: Pedio publications. ISBN: 978-960-635-268-3.
5. Liarakou, G., **Gavrilakis, C.** and Flogaiti, E. (2014). *School community collaboration: Profiles of isolated communities and ways into integration*. Environment and School Initiatives - ENSI. EU LLP CoDeS Schools and Communities – Working together on Sustainable Development. ISBN: 978-3-85031-197-7. Available at: <http://ensi.org/media-global/downloads/Publications/371/CoDeS-Isolated%20communities.pdf>
6. Georgopoulos, A., Nikolaou, C., Dimitriou, A., **Gavrilakis, C.** and Blionis, G. (2014). *Earth. A Small and Vulnerable Planet*. Athens: Gutenberg. ISBN: 978-960-01-1607-6.

### Books' scientific editing

7. Miller Tyler G. and Spoolman S.E. (2018). *Environmental Science*. 15th edition. Scientific editing of the Greek edition: Dimitrakopoulos, P. and **Gavrilakis, C.** Thessaloniki: TZIOLAS publications. ISBN: 978-960-418-613-6.

**Articles in peer reviewed journals**

8. **Gavrilakis, C.**, Daskolia, M. and Blintziou, E. (2021). Delineating the role of environmental adult educators: drawing critical considerations from an empirical case study. *Environmental Education Research*, 27(2), pp. 157-174. DOI: 10.1080/13504622.2020.1790503.
9. Malandrakis, G., Papadopoulou, P., **Gavrilakis, C.** and Mogias, A. (2019). An education for sustainable development self-efficacy scale for primary pre-service teachers: construction and validation. *The Journal of Environmental Education*, 50(1), pp. 23-36. DOI: 10.1080/00958964.2018.1492366.
10. **Gavrilakis, C.**, Stylos, G., Kotsis, K and Goulgouti, A. (2017). Environmental literacy assessment of Greek university pre-service teachers. *Science Education Research & Praxis*, 61 (Special issue: EPOQUE –Best Practices in/for social-economical and environmental Sustainability), pp. 49-71. ISSN: 1792-3166.
11. Stylos, G., **Gavrilakis, C.**, Kotsis, K and Goulgouti, A. (2017). Energy-related knowledge of Greek university pre-service teachers. *Science Education Research & Praxis*, 61 (Special issue: EPOQUE –Best Practices in/for social-economical and environmental Sustainability), pp. 73-92. ISSN: 1792-3166.
12. Flogaitis, E., Liarakou, G. and **Gavrilakis, C.** (2013). Environmental Adult Education in the Community. *Adult Education*, 24, pp. 14-21.
13. Liarakou, G., Sakka, E., **Gavrilakis, C.**, Tsolakidis, C. (2012). Evaluation of Serious Games, as a Tool for Education for Sustainable Development, *European Journal of Open, Distance and E-Learning*, Special Issue – Best of EDEN 2011, pp. 96-110.
14. Liarakou, G., Kostelou, E. and **Gavrilakis, C.** (2011). Environmental Volunteers: Factors influencing their Involvement in Environmental Action, *Environmental Education Research*, 17 (5), pp. 651-673.
15. Liarakou, G., Athanasiadis, I. and **Gavrilakis, C.** (2011). What Greek secondary school students believe about climate change, *International Journal of Environmental and Science Education*, 6 (1), pp. 79-98.
16. Papadamou, T., **Gavrilakis, C.**, Tsolakidis, C. and Liarakou, G. (2011). Second Life: A Virtual Learning Center for the Study of Sharks, *iJET - International Journal: Emerging Technologies in Learning*, 6 (2), pp. 19-25.
17. Liarakou, G., **Gavrilakis, C.**, Flouri, E. (2009). Secondary School Teachers' Knowledge and Attitudes towards Renewable Energy Sources, *Journal of Science Education and Technology*, 18 (2), pp.120-129.
18. Sophoulis, C.M. and **Gavrilakis, C.I.** (2002). Environmental Education as a Science and Art: Towards a General Theory of Environmental Education, *Syngchroni Ekpedefsi*, v.123, pp. 122-133.

**Research reports**

19. Gerakis, P.-A., Ntafis, S., Alexandridou, E., Tsiouris, S., Tsiaousi, B., Mpoli, K., Theodoroudi, E., Chrysopolitou, V., Kemitzoglou, D., Seferlis, M., Kakouros, P., Fytoka, E., Papadimos, D., Katsavouni, S., Chatziharalampous, E., Leontsini, M., Flogaiti, E., Papadimitriou, V., Liarakou, G., Vassala, P., Daskolia, M.-K., **Gavrilakis, C.**, Nomikou, C., Katsenou, C., Paraskevas, P., Gkini, S. & Taoxi, E. (2008). Environmental Education today in Greece – Environmental Education Centers (EEC). Goulandris Museum of Natural History. Greek Biotope-Wetland Centre

(EKBY). EYD EPEAEK. Available at:  
<http://repository.edulll.gr/edulll/handle/10795/170>

### **Book chapters**

20. Mogias, A., Malandrakis, G., Papadopoulou, P. and **Gavrilakis, C.** (in press). Self-Efficacy of In-service Secondary School Teachers toward Education for Sustainable Development: Preliminary Findings. In O. Levrini, G. Tasquier, T. Amin, L. Branchetti & M. Levin (Eds), *Engaging with Contemporary Challenges through Science Education Research: Selected papers from the ESERA 2019 Conference*, Springer Nature.
21. Flogaitis, E., Liarakou, G. and **Gavrilakis, C.** (2018). ENSI's Quality Criteria and Education for Sustainable Development in Greece. In C. Affolter and A. Varga (Eds.), *Environment and School Initiatives: Lessons from the ENSI Network – Past, Present and Future*. Environment and School Initiatives - ENSI, Budapest: Vienna and Eszterhazy Karoly University. ISBN: 978-3-200-05834-7.
22. Gkini, I., **Gavrilakis, C.** and Flogaitis, E. (2016). Primary School Teachers' Perceptions and Attitudes about School Community Collaboration for Sustainable Development. In: Manola, E.I., Tsantopoulos, G.E. (Eds), *Themes of Forestry and Management of the Environment and Natural Resources – 8th Volume: Environmental Education and Communication*, Orestiada: Department of Forestry and Management of the Environment and Natural Resources, Democritus University of Thrace, pp. 31-51.
23. Liarakou, G., **Gavrilakis, C.** and Flogaitis, E. (2016). School community collaboration in remote communities: challenges for future teacher training. In: Lambrechts, W., Hindson, J. (Eds), *Research and Innovation in Education for Sustainable Development. Exploring collaborative networks, critical characteristics and evaluation practices*. Environment and School Initiatives - ENSI, ZVR-Zahl 408619713, Vienna, Austria, pp. 106-122.
24. Liarakou, G., **Gavrilakis, C.** and Flogaitis, E. (2015). School community collaboration for the promotion of sustainable development in the remote communities of Europe. In: G. Nikolaou and K. Kotsis (Eds), *Environment – Geography – Education. Volume dedicated to Professor Emeritus A. Katsikis*. Athens: Pedio, pp 166-190.
25. Liarakou, G., Valasiadis, V. and **Gavrilakis, C.** (2013). Digital Pedagogical Material for Environmental Education: The Multimedia Application 'Hunger in the World'. In: A. Sofos, C. Vratisalis (Eds), *The Use of Media in Education*, Athens: ION, pp. 149-169.
26. **Gavrilakis, C.** (2012). Development and Formative Evaluation of a Virtual Working Environment for the Planning of Environmental Education Programs. In: E. Flogaitis and A. Georgopoulos (Eds) *Environmental Education: Research in Greece*, Athens: Pedio.
27. **Gavrilakis, C.** (2009). Virtual Communities of Practice and Learning as Tools of Education for Sustainable Development. In: M. Kaila, A. Katsikis, P. Fokiali and A. Zachariou (Eds), *Education for the Environment and Sustainable Development: new data and orientations*, Athens: Atrapos, pp. 370-396.
28. Liarakou, G. and **Gavrilakis, C.** (2009). The contribution of Information and Communication Technologies in Education for Sustainable Development. In E.

- Avgerinos (Ed) *The contribution of New Technologies in a qualitative University Education*, Athens: Garamond Print, pp. 129-144.
29. Daskolia, M., Liarakou, G. and **Gavrilakis, K.** (2009). The European potential of Environmental Education for sustainability. In: P.-M. Rabensteiner & E. Ropo (Eds), *European Dimension in Education and Teaching. Volume 2. Identity and Values in Education*, Schneider-Verlag publications, pp. 138-155.
30. **Gavrilakis, C.** and Sophoulis, C.M. (2005). A Critical Story of the 'Events' in Environmental Education. In: A. Georgopoulos (Ed) *Environmental Education: The emerging culture...*, Athens: Gutenberg, pp. 53-69.
31. **Gavrilakis, C.** (2005). The Goals' setting in Environmental Education Programs Planning. In: M. Kaila, E. Theodoropoulou, A. Dimitriou, G. Xanthakou and N. Anastasatos (Eds) *Environmental Education: Research Data & Educational Planning*, Athens: Atrapos, pp. 166-174.

#### Articles in conference proceedings with peer reviewing

32. Gianni, M., Papigkioti, A. & **Gavrilakis, C.** (in press). Evaluation of educational programs in protected areas: The case of Northern Pindos National Park. In the Proceedings of the *11th Panhellenic Conference 'Natural Sciences in the Preschool Education: Mapping the next twenty years of research and educational practice'*. Ioannina, 6-8 November 2020 (web-based conference).
33. Liarakou, G., Kostas, A., **Gavrilakis, C.**, Megalou, E. & Panos, A. (2021). Emergency Remote Teaching and Environmental Education / Education for Sustainable Development: issues on the use of digital resources of the Photodentro Repository – Learning Objects. In: Sofos, A., Kostas, A., Fouzas, G. and Paraschou, V., *Proceedings of the 1st International Web-based Educational Conference 'The rapid transition of our educational reality into digital environments. Attitudes-Perceptions-Scenarios-Proposals'*, University of the Aegean, 3,4 & 5 July 2020, pp. 286-295. ISBN: ISBN 978-618-84330-5-2. Available at: <https://eproceedings.epublishing.ekt.gr/index.php/online-edu/issue/view/132>
34. Stamouli, E. and **Gavrilakis, C.** (2020). Basic aspects of knowledge, attitudes, and values of primary school students about wild and threatened animals of Epirus region. In the *Proceedings of the 8th Conference of Panhellenic Environmental Education Educators Association 'Environmental Education aiming at sustainability in the era of climate change'*. Patras, 11-13 September 2020 (web-based conference).
35. **Gavrilakis, C.**, Liarakou, G., Kostas, A. & Panos, A. (2018). Environmental Education / Education for Sustainable Development in the "Photodentro Repository": Challenges in the development of learning objects. In the *Proceedings of the 11<sup>th</sup> Panhellenic & International Conference "ICTs in Education"*. Thessaloniki, Greece, October 19-21, 2018. pp. 33-36. ISBN 978-618-83186-2-5. Available at: <https://www.etpe.gr/confs/>
36. Chaita, S., Liarakou, G. and **Gavrilakis, C.** (2018). Drawing the future today: a collaborative partnership. 5th Conference on Arts Based Research & Artistic Research 'Provoking Research and Social Intervention', TATE LIVERPOOL (Liverpool, UK) 13-15 March 2018. Available at: <https://www.5abr-art-conference.org/fullpapers-projects>

37. Malandrakis, G., Papadopoulou, P., **Gavrilakis, C.** and Mogias, A. (2016). Designing and testing an education for sustainable development self-efficacy scale for pre-service teachers: preliminary findings. In J. Lavonen, K. Juuti, J. Lampiselkä, A. Uitto, K. Hahl (Eds.), *Electronic Proceedings of the ESERA 2015 Conference. Science education research: Engaging learners for a sustainable future*, Part 9 (co-ed. M. Achiam, G. Carvalho), Helsinki: University of Helsinki, pp.1280–129. ISBN 978-951-51-1541-6. Available at: <http://www.esera.org/media/eBook%202015/eBook Part 9 links x.pdf>
38. Boniati, A., Liarakou, G., **Gavrilakis, C.** and Tsolakidis, C. (2015). Online Digital Games and Education for Sustainable Development: A Controversial Relationship? In: A. Moreira Teixeira, A. Szűcs, I. Mázár (Eds) *Expanding Learning Scenarios: Opening Out the Educational Landscape*. EDEN 2015 Annual Conference, Barcelona, 9-12 June 2015.
39. Papadopoulou, P., Malandrakis, G. and **Gavrilakis, C.** (2015). The Introductory Background of Student Teachers in Environmental education / Education for Sustainable Development: Main Characteristics. In the *Proceedings of the 7<sup>th</sup> Panhellenic Conference of PEEKPE 'Environmental Education and Education for Sustainability'*, Volos, 8-10 May 2015. Available at: [http://www.kpe.gr/7\\_congress/papers/sat\\_ninth/papadopoulou\\_et\\_al.pdf](http://www.kpe.gr/7_congress/papers/sat_ninth/papadopoulou_et_al.pdf)
40. Liarakou, G., Georgiadou, P. and **Gavrilakis, C.** (2012). Development and Application of an Evaluation Framework for Environmental Education / Education for Sustainable Development Portals. In V. Makrakis (Ed) *New Technologies, Education for Sustainable Development and Critical Pedagogy* (Rethymnon, 15-17 June 2012), University of Crete: UNESCO Chair, pp. 501-510.
41. **Gavrilakis C.** Liarakou G., Kostas A., Tsolakidis C. (2012). Web Metrics: Evaluation of an Environmental Education Portal Using Google Analytics. In A. Szűcs, M. F. Paulsen (Eds) *Open Learning generations Closing the gap from generations 'Y' to the mature lifelong learners*. EDEN 2012 Annual Conference, Porto, 6-9 June 2012.
42. Athanasiadis, H., **Gavrilakis, C.** and Stefos, E. (2011). Exploration of Lyceum students' knowledge about causes, effects and solutions of climate change. In: G. Papadatos, A.S. Antoniou, A. Bastea and P. Trakadas (Eds) *Proceedings of the 2<sup>nd</sup> Panhellenic Conference of Education Sciences - Volume A'*, University of Athens, Department of Primary Education, Athens, 27-30 May 2010, pp. 375-386.
43. Papadamou, T., **Gavrilakis, C.**, Tsolakidis, C. and Liarakou, G. (2010). Education for Sustainable Development through the Use of the Second Life: the Case of a Virtual Museum for Sharks. In: M.D. Lytras, P. Ordonez De Pablos, D. Avison, J. Sipior, Q. Jin, W. Leal, L. Uden, M. Thomas, S. Cervai and D.G. Horner (Eds), *Technology Enhanced Learning: Quality of Teaching and Educational Reform*, Series: Communications in Computer and Information Science, Vol. 73, Berlin Heidelberg: Springer-Verlag, pp. 316–323.
44. **Gavrilakis, C.**, Costas, A., Liarakou, G. and Tsolakidis, C. (2009). A Portal for Environmental Education Pedagogical Material [www.env-edu.gr](http://www.env-edu.gr). In: F. Gousias (Ed) *Proceedings of the 6th Pan-Hellenic Conference EEEP-DTPE 'School 2.0'*, Piraeus, 17-18 October 2009, pp. 7-19.
45. Daskolia, M., Papageorgiou, E., **Gavrilakis, C.** and Flogaiti, E. (2008). Kindergarten teachers' perceptions about the causes and effects of the environmental issue

- 'ozone layer depletion'. In: D.-M. Kakana and G. Simouli (Eds) *The Pre-School Education in the 21st century: Theoretical Approaches and Teaching Practices*, Thessaloniki: Epikentro, pp. 146-154.
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  49. **Gavrilakis, C.**, Apostolidou, V.P., Douka, M., Koumparou, D., Sophoulis, C.M. (2002). Sustainable Management of Water as a Limited Common Resource, with a Simulation Game for Children 8-10 Years Old. In: Proceedings Volume HYDRORAMA 2002, 3<sup>rd</sup> International Forum '*Integrated Water Management: The Key to Sustainable Water Resources*', Athens: EYDAP S.A., pp. 198-206. Includes an educational simulation game developed with the software 'STELLA'.
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#### Educational material (author / editor)

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*Educational material for Primary and Secondary schools*, Thermi: Greek Biotope-Wetland Centre (EKBY).

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60. **Gavrilakis, C.**, Moustakas, L. and Papavasiliou, V. (2008). The Greek Strategy for Sustainable Development. In: M. Kaila, P. Fokiali and G. Liarakou (Eds) *Local Environmental Themes: General issues*, Prefecture of Dodecanese, University of the Aegean. Rhodes. (E-learning modules – Available in <http://lms.nad.gr>).
61. **Gavrilakis, C.** (2008). The European Strategy for Sustainable Development. In: M. Kaila, P. Fokiali and G. Liarakou (Eds) *Local Environmental Themes: General issues*, Prefecture of Dodecanese, University of the Aegean. Rhodes. (E-learning modules – Available in <http://lms.nad.gr>).
62. **Gavrilakis, C.** (2000). *Solid Waste: Problems and Solutions – Teachers' Guide*. In the context of the project 'Development of Educational Material for Environmental Education', EU, Ministry of Education, University of the Aegean (EPEAEK I).
63. **Gavrilakis, C.**, Galinou, E. and Koulouri, M. (Eds) (1999). "Adaptation and Protection of the Lesvos-Kalloni's Bay". Educational Material for Pre-school Education – Primary School – High School – Lyceum, for the protection of the wetlands of Kalloni's Bay. In the context of the project 'Adapting and Protecting', Environmental Education Association of the Department of Environmental Studies (EEADES), General Secretariat of the New Generation.

#### **Educational material (updating)**

64. **Gavrilakis, C.** and Liarakou, G. (2008). Updating and editing of Teachers' Guides: "Agroecosystems: from production to consumption", "Air", "Endangered species", "Forest", "Soil", "Freshwater: wetlands-rivers-lakes", "Sea", "Water", "Introduction", of the educational material: E. Flogaitis (Ed) (1995) *Environmental Education in Primary Schools*, Bodossakis Foundation, University of the Aegean, (Available at [www.env-edu.gr/Packs.aspx](http://www.env-edu.gr/Packs.aspx)).

#### **Translations**

65. Espinet, M. and Ζαχαρίου, Α. (2014). *Keystones on School-Community Collaboration for Sustainable Development*, Translation in Greek: Liarakou, G. and **Gavrilakis, C.** EU LLP CoDeS Schools and Communities – Working together on Sustainable Development, pp. 36-40. Available at: <http://ensi.org/media-global/downloads/Publications/380/CoDeS-Key%20Stones%20GR.pdf>

## **F. CONFERENCES WITHOUT PROCEEDINGS**

1. Affolter, C., Flogaitis, E., Liarakou, G., **Gavrilakis, C.** and Dillon, P. (2015). School-Community Collaboration in Remote and Isolated Communities. *8<sup>th</sup> World Environmental Education Congress 'Planet and People: How Can They Develop Together?'*, Gothenburg-Sweden, June 29 – July 2, 2015.

2. Liarakou, G., Valassiadis, E. and **Gavrilakis, C.** (2009). Dealing with World Hunger: A Multimedia Application for Teachers. *5<sup>th</sup> World Environmental Education Congress 'Earth: Our Common Home'*, Montreal-Canada, May 10-14, 2009.

## G. JOURNALS: MEMBER OF EDITORIAL BOARD & REVIEWER

Member of the Editorial Board:

- Environmental Education for Sustainability:  
<https://ejournals.epublishing.ekt.gr/index.php/enveducation/index>

Reviewer:

- Environmental Education Research:  
<http://www.tandfonline.com/toc/ceer20/current#.Vd2DYpeZN-k>
- International Journal of Environmental and Science Education:  
<http://www.ijese.com/>
- Mediterranean Marine Science:  
<https://ejournals.epublishing.ekt.gr/index.php/hcmr-med-mar-sc/index>
- Themes in Science and Technology Education:  
<http://earthlab.uoi.gr/thete/index.php/thete>

## H. TEACHING EXPERIENCE (selected)

### Postgraduate courses

**2019-present:** 'Environmental Education Programs Planning', Department of Early Childhood Education, University of Ioannina.

**2013-present:** 'Environmental Issues and Teaching Methods', Department of Primary Education, University of Ioannina.

**2012 & 2014:** 'Contemporary Environmental Issues and Teaching Approaches', Department of Philosophy, Pedagogy and Psychology, School of Philosophy, University of Athens (In collaboration with G. Liarakou).

**2010:** 'Contemporary Environmental Issues and Ways to Address them', Department of Philosophy, Pedagogy and Psychology, School of Philosophy, University of Athens (In collaboration with G. Liarakou).

### E-learning

**2012-2016:** "Environmental and sustainability education: conceptual and pedagogical framework", "Teaching and learning approaches for school and community: applications in environmental and sustainability education", University of the Aegean (<https://e-epimorfosi.aegean.gr/env-program-home>).

### Undergraduate courses

**2020-present:** ‘Experiential Teaching Methods: Applications in Environmental and Geographical Education II’. 6<sup>th</sup> semester. Department of Primary Education, University of Ioannina.

**2014-present:** ‘Experiential Teaching Methods: Applications in Environmental and Geographical Education I’ (former title: ‘Teaching methods in Environmental Education’). 5<sup>th</sup> semester. Department of Primary Education, University of Ioannina.

**2014-present:** ‘Concepts and Issues of Geography, Environment and Sustainability’ (former title: ‘Environmental Issues’). 2<sup>nd</sup> semester. Department of Primary Education, University of Ioannina.

**2013-2020:** ‘Didactics of Geography’. 8<sup>th</sup> semester. Department of Primary Education, University of Ioannina.

**2013-present:** Environmental Education and Sustainability (former title: ‘Environmental Education / Education for Sustainable Development’). 3<sup>rd</sup> semester. Department of Primary Education, University of Ioannina.

**2013-2014:** ‘Didactics of Environmental Study’. 7<sup>th</sup> semester. Department of Primary Education, University of Ioannina.

**2013-2014:** ‘Environmental Sciences’. 2<sup>nd</sup> semester. Department of Primary Education, University of Ioannina.

### Further teachers’ education

**2009-2012:** ‘Environmental education’. Didaskalio of the Department of Pre-school education, University of Athens (In collaboration with E. Flogaitis).

**2009-2011:** ‘Environmental education’. Didaskalio ‘Alexandros Delmouzos’, Pedagogical Department of Primary Education, University of the Aegean.