



Ilias Karachalios

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- SALTO:** <http://trainers.salto-youth.net/iliaskarachalios/>
- Gender:** Male **Date of birth:** 05/11/1980 **Nationality:** Greek

WORK EXPERIENCE

[07/2023 – Current]

Research Associate

National Technical University of Athens (NTUA), School of Civil Engineering

City: Athens

Country: Greece

- Project Management of HORIZON 2020 CHOICE: Mainstream mitigation pathways for a climate-conscious change in the food chain
- Communication Management of NATALIE: NATure-bAsed solutions to enhance resILIENCE to climate change for diverse bio-geographical European regions.
- Communication Officer of the Urban Water Management and Hydroinformatics Group (UWMH) of the Department of Water Resources and Environmental Engineering of the School of Civil Engineering of the National Technical University of Athens.
- Management of the Actor Engagement & Co-creation Group of the ICT4WATER cluster

[09/2019 – Current]

Environmental Educator / Project Manager

CoCreate

City: Athens

Country: Greece

- Project Manager, Trainer Strategic KA2 Erasmus+ Projects (ComAS)
- Design & Implementation of an Educational Game aimed at enhancing the corporate environmental culture of the VINCI group companies (VINCI Group)
- Design of educational game - Discovering the Flora, Fauna, and Geology of the Helmos-Vouraikos UNESCO Global Geopark (NECCA)

[08/2008 – Current]

Environmental Project Manager & Consultant

Environmental Consulting

City: Patras

Country: Greece

- Project Management of EU funded Projects (Erasmus+, Horizon2020, LIFE+ etc)
- Environmental Impact Assessment Studies Environment Management Plan
- Implementation of Educational Seminars/Events

[02/2008 – Current]

Environmental Non formal Education Trainer

Youth and Lifelong Learning Foundation

City: Multiple Cities

Country: Greece

- Instructor on Environmental Education Course, Environmental Education and Ecology Course & Environmental Protection Course (Public Institute of Vocational Training)
- Non Formal Education Trainer - Environmental Education (Second Chance High School)

- [09/2016 – 12/2023] **Educational research scientist**
School of pedagogical and technological education (ASPETE)
City: Patras
Country: Greece
 - Project Manager, Trainer and Research Associate in implementing 3 Strategic KA2 Erasmus+ Projects (GreenSkills4VET, WAFLE & RESPECT)
- [09/2018 – 06/2022] **Secondary school special education teacher**
Ministry of Education and Religious Affairs
City: Multiple Cities
Country: Greece
 - Teaching students with disabilities
- [06/2009 – 06/2019] **Environmental Manager**
Axonas MB ATEBE
City: Patras
Country: Greece
 - Monitoring the factory's compliance with legislative regulations relating to the environment
 - Coordinating all aspects of pollution control, waste management, recycling
 - Auditing, analyzing and reporting environmental parameters
 - Air Quality Emissions Monitoring
 - Impact assessments to identify, assess and reduce company's environmental risks
- [09/2017 – 09/2018] **Project Officer**
The Cyprus Institute
City: Nicosia
Country: Cyprus
 - Oversight of research and innovation projects (various funding sources including EU & Cyprus Research Promotion Foundation (RPF))
 - Project administration/coordination
 - Participation in the planning and coordination of the Cyl Center/Division
 - Identification of research and innovation funding opportunities
- [01/2011 – 12/2015] **Project Manager**
Municipal Enterprise for Planning and Development of Patras (ADEP S.A.), Environmental Dpt.
City: Patras
Country: Greece
 - Implementation of International Projects (IEE, MED, Life+, Interreg etc)
 - Development and operation of structures: Environmental Information Center of Panachaiko Mountain, Patras Energy Front office for RES and Energy Sustainability, Office for promoting energy Recovery from Biomass Use & Patras Water House.
 - Development & Operation of Educational Programs on Energy, Ecology, Biomass and Water Saving.
 - Development & Implementation of Sustainable Energy Action Plan of Patras Municipality (SEAP)
 - Project of Recycling used oil to produce Biodiesel (Project for Schools)
- [06/2010 – 12/2012] **Renewable Energy Consultant**
Green Progress
City: Athens
Country: Greece
 - Application, Design, Installation and Operation of PV systems.
- [09/2007 – 04/2008] **Environmental Engineer & Consultant**
SIRMET
City: Patras

Country: Greece

- Environmental Impact Assessments
- Study and planning on energy production from waste treatment
- Wastewater constructions
- Certification (ISO, HACCP)
- Wastewater analysis (BOD, COD,SS etc).

EDUCATION AND TRAINING

[12/2015 – 12/2023]

PhD - Doctor of Philosophy in Environmental Education

Hellenic Open University www.eap.gr

City: Patras

Country: Greece

[09/2019 – 06/2021]

MEd – Master’s degree in special education

University of Nicosia <https://www.unic.ac.cy/>

City: Nicosia

Country: Cyprus

[10/2019]

MEng – Integrated master’s degree in environmental engineering

University of Patras www.uop.gr

City: Patras

Country: Greece

[09/2004 – 09/2005]

MSc - Master’s degree in Applied Sciences, Environmental Conservation Management

University of South Wales (ex Glamorgan) <https://www.southwales.ac.uk/>

City: Cardiff

Country: United Kingdom

[10/1999 – 09/2004]

BSc - Bachelor of Environmental Sciences, Department of Environmental and Natural Resources Management

University of Ioannina, School of Natural Sources Management & Business <https://uoi.gr/>

City: Agrinio

Country: Greece

[03/2017]

Non-Formal Trainer Certification - Hellenic Qualifications Framework (NQF)

National Organization for the certification of qualification & vocational guidance (EB 31905)

[10/2014 – 07/2015]

Postgraduate Qualification in Pedagogical Training

School of pedagogical and technological education (ASPETE)

LANGUAGE SKILLS

Mother tongue(s): Greek

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

French

LISTENING A2 READING A2 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Graphic Design and Video Editing | Microsoft Office | Programming (BASIC, Pascal) | Basic knowledge of Geographic Information Systems (G.I.S.): ArcGIS

NETWORKS AND MEMBERSHIPS

[16/12/2023 – Current] **Hellenic Teachers' Association for Environmental Education** Athens
Link: <https://peekpe.gr/>

DRIVING LICENCE

Motorbikes: AM
Cars: B

RECOMMENDATIONS

PhD Supervisor

Name: Ioannis Kalavrouziotis
Phone number: (+30) 6944726906
Email: ikalabro@eap.gr

President & Professor, Hellenic Open University, School of Science and Technology

Link: <https://www.ioanniskalavrouziotis.gr/>

Director in ASPETE

Name: Leonidas Gomas
Phone number: (+30) 6978889306
Email: gomas@otenet.gr

Professor, Department of Education, ASPETE

Link: <https://edu.aspete.gr/gomas-leonidas/>

Founder of CoCreate and colleague at ADEP

Name: Konstantinos Papachristopoulos
Phone number: (+30) 6944352029
Email: papachristopouloskostas@gmail.com

Founder of CoCreate and Visiting Professor, University of Crete, Department of Psychology

Link: <https://www.psychology.uoc.gr/prosopiko/symvasioychoi-didaskontes/konstantinos-papachristopoylos/>

PROJECTS

[09/2023 – 08/2028] **NATALIE (NTUA) HORIZON 2020**

NATALIE: Accelerating and mainstreaming transformative NATure-bAsed solutions to enhance resiliLence to climate change for diverse bio-geographical European regions

Link: <https://www.linkedin.com/showcase/natalieproject/>

[11/2023 – 11/2026] **CHOICE (NTUA) HORIZON 2020**

HORIZON 2020 - CHOICE Mainstream Mitigation Pathways for a Climate-Conscious Change in the Food Chain

Link: <https://www.climatechoice.eu/>

[04/2024 – 04/2026] **ComAS (CoCreate) ERASMUS+ KA220-YOU**

Community Arts for Civic Engagement and Social Change

[03/2024 – 12/2024] **CliMate youth (EY) KA152-YOU**

[09/2023 – 05/2024] **Leave Noone Behind (EY) KA152-YOU**

[01/2022 – 12/2023] **WAFLE (ASPETE) ERASMUS+ KA2**

Water Footprints Literacy Education

Link: <https://zunal.com/introduction.php?w=782497>

[09/2016 – 09/2018] **Green Skills for VET (ASPETE) ERASMUS+ KA2**

Green Skills for VET – Development of Learning material/concepts for ESD in vocational education: education for sustainable development Erasmus+ KA2 project

Link: <https://www.greenskills4vet.eu/>

[09/2017 – 07/2018] **EMME – CARE (CYI) HORIZON 2020 TEAMING**

Eastern Mediterranean and Middle East – Climate and Atmosphere Research Centre (EMME – CARE) – Horizon 2020 - Teaming Project (Phase 1) funded for phase 2 – 30M

Link: <https://www.youtube.com/watch?v=olU7gwiwnHU>

[06/2012 – 11/2015] **MESP (ADEP) ENPI CBC MED**

MESP - Managing the Environmental Sustainability of Ports for a durable development (ENPI CBC MED)

Link: <https://medcities.org/managing-the-environmental-sustainability-of-ports-for-a-durable-development/>

[03/2011 – 11/2014] **PROFORBIOMED (ADEP) Strategic MED**

Strategic MED Programme - PROFORBIOMED - Promotion of residual forestry biomass in the Mediterranean Basin

Link: <https://clube.gr/en/project/proforbiomed/>

[06/2010 – 12/2012] **ENESCOM (ADEP) Intelligent Energy Europe**

Intelligent Energy Europe Programme - ENESCOM - European Network of Information Centres promoting Energy Sustainability and CO2 reduction among local Communities

Link: <https://www.regions2020.eu/cms/sec/enescom/>

[01/2010 – 06/2013] **ACT (ADEP) LIFE+**

ACT – Adapting to Climate change in Time

Link: <https://climadat.isprambiente.it/project/act-adapting-to-climate-change-in-time/>

HONOURS AND AWARDS

[09/11/2020] **The Entrepreneurial School 2020 Awarding institution:** JA Europe

Link: <https://www.kathimerini.gr/pages/announcements/561152581/treis-ellines-kathigites-epicheirimatikotitas-stin-koryfi-tis-eyropis/>

HOBBIES AND INTERESTS

Photography

Link: <https://www.flickr.com/photos/iliaskarachalios/>

Radio production

Link: <https://www.mixcloud.com/ilias-karachalios/>

COMMUNICATION AND INTERPERSONAL SKILLS

Team working skills

gained through several studying and working experiences where sharing information and team working were required.

Ability to work in a multicultural environment

gained during my study and work abroad experience where I worked in groups to accomplish different tasks. Sociable.

VOLUNTEERING

[09/2015 – Current] **Founder & Group Leader of European Youngsters** Patras

Link: <http://europeanyoungsters.eu>

[09/2015 – Current] **Sustainability Manager & Experience Team member (Core Team Member) of TEDxPatras**

Patras

Link: <http://tedxpatras.com/>

[10/2016 – 11/2020]

Environmental and Sustainable Development Sciences coordinator of Patras Science Festival

Patras

Link: <http://www.patras-science-festival.gr/en/>

[02/2019 – 11/2021] **Lifeguard Hellenic at RedCross** Patras

Link: <https://www.samarites.gr/>

PUBLICATIONS

Scientific Publications

Kehayias, G. Antonou, M. Zerva, M. Karachalios, I. (2008) Using plankton nets as light traps: Application with chemical light, *Journal of Plankton Research, Volume 30, number 9, 1075-1078* DOI: <http://dx.doi.org/10.1093/plankt/fbn060>

Palazón, R.P., Pérez, A.A., Lucas, C., Martínez, A., Cabrero, D.S., Ara, P., Hermoso, J., Cabanes, M.C., Prieto, E., Navarro, I.P., Gaspà, I., Valero, L.V., Miñano, M.C., González, E.J., Marín, J.P., Monzó, F.P., Ciccacese, L., Pellegrino, P., Bianco, P., Silli, V., Lapi, M., Denti, A., Fontanarosa, E., Masiero, M., Vallée, S., Lovero, M., Veyrand, R., Duhén, D.G., Joly, N., Krajnc, N., Triplat, M., Jemec, T., Petek, J., Kostevšek, A., Fallas, Y., Karachalios, I., Duarte, I.M., Pacheco, J., Bárbara, A., Marques, D., Oliveira, S., Nunes, M., Miranda, A., Martins, J., Kouras, D., Tsimplinas, D., Margaritis, N.K., Grammelis, P., Papadelis, A., Antinoro, M.P., Veca, D.L., Rubino, C., Clementi, G., Traina, G., Villanueva, J.V., & Bonet, M.C. (2014). Main Outputs - PROFORBIOMED - Promotion of residual forest biomass in Mediterranean Basin. ISBN: 987-84-606-7227-2

Palazón, R.P., Pérez, A.A., Lucas, C., Martínez, A., Cabrero, D.S., Ara, P., Hermoso, J., Cabanes, M.C., Prieto, E., Navarro, I.P., Gaspà, I., Valero, L.V., Miñano, M.C., González, E.J., Marín, J.P., Monzó, F.P., Ciccacese, L., Pellegrino, P., Bianco, P., Silli, V., Lapi, M., Denti, A.B., Fontanarosa, E., Masiero, M., Vallée, S., Lovero, M., Veyrand, R., Duhén, D.G., Joly, N., Krajnc, N., Triplat, M., Jemec, T., Petek, J., Kostevšek, A., Fallas, Y., Karachalios, I., Duarte, I.M., Pacheco, J., Bárbara, A., Marques, D., Oliveira, S., Nunes, M., Miranda, A., Martins, J., Kouras, D., Tsimplinas, D., Margaritis, N.K., Grammelis, P., Papadelis, A., Antinoro, M.P., Veca, D.L., Rubino, C., Clementi, G., Traina, G., Villanueva, J.V., & Bonet, M.C. (2014). proforbiomed book in Spanish. DOI: <http://dx.doi.org/10.13140/RG.2.1.4264.1442>

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Γομάτος, Λ., Αναστοπούλου, Π., Καραχασάνη, Α., Καραχάλιος, Η., Ρόμπολας, Π. & Αρμακόλας, Σ. (2018). Σχεδιασμός, Υλοποίηση και Αξιολόγηση Επιμόρφωσης για την Εκπαίδευση στην Αειφόρο Ανάπτυξη. *Πρακτικά 11ου Πανελληνίου Συνεδρίου της Παιδαγωγικής Εταιρείας Ελλάδας «Βασική και συνεχιζόμενη εκπαίδευση των εκπαιδευτικών σε ένα σύνθετο και μεταβαλλόμενο περιβάλλον»*, Πάτρα 23-25 Νοεμβρίου 2018, Τόμος Β. ISBN: 978-618-82469-3-5, σ. 239-249.

Armakolas, S., Robolas, P., Karachalios, I., Karachasani, A., Anastopoulou, P., & Gوماتos, L. (2019). Constructing and implementing an OER regarding sustainability issues in vocational education. *Educational Journal of the University of Patras UNESCO Chair*.

Karachalios, I., Plakitsi, K., Hatzinikita, V., Kalavrouziotis, I. (2021). Knowledge and Attitudes of high school students in Greece towards waste management. *6th distance education e-learning International Summer School and Workshop on "Wastewater and Biosolids Management" (WWSS21)*. Patras 26-31 July 2021. ISBN: 978-960-611-012-2, p 48-51. DOI: <http://dx.doi.org/10.13140/RG.2.2.24748.64641>

Αρμακόλας, Σ., Αναστοπούλου, Π., Ρόμπολας, Π., Καραχάλιος, Η., Καραχασάνη, Α., & Γομάτος, Λ., (2021). Αειφορική διαχείριση φαρμάκων: Δημιουργία και αξιολόγηση μιας Ανοιχτής Εκπαιδευτικής Πηγής-ΑΕΠ. *Έκπαίδευση & Επιστήμες / Σχολή Θετικών Επιστημών Πανεπιστημίου Θεσσαλίας*. Τεύχος 3 (2021) ISSN: 2585-2310.

Karachalios, I., Plakitsi, K., Hatzinikita, V., Kalavrouziotis, I., Gomas, L., & Sakellariou, P. (2023). SECONDARY EDUCATION TEACHERS' VIEWS ON ISSUES RELATED TO WASTEWATER AND SOLID WASTE MANAGEMENT. *European Journal of Education Studies*, 10(9). DOI: <http://dx.doi.org/10.46827/ejes.v10i9.4963>

Karachalios, I., Kalavrouziotis, I., Plakitsi, K., Hatzinikita, V., Gomas, L., & Sakellariou, P. (2023). Knowledge & attitudes of Secondary education teachers and students regarding waste management in Greece. *8th distance education e-learning International Summer School on "Wastewater and Biosolids Management" (WWSS23)*. Patras 24-28 July 2023. ISBN: 978-960-611-019-1, p 14-15. DOI: <http://dx.doi.org/10.13140/RG.2.2.28733.23521>

Καραχάλιος, Η. (2023). Απόψεις εκπαιδευτικών δευτεροβάθμιας εκπαίδευσης για θέματα διαχείρισης υγρών και στερεών αποβλήτων. Διδακτορική διατριβή, Ελληνικό Ανοικτό Πανεπιστήμιο (ΕΑΠ). Σχολή Θετικών Επιστημών και Τεχνολογίας, DOI: <https://doi.org/10.12681/eadd/55928>

Karachalios, I. (2024) Utilizing Educational Gaming to Foster Sustainability Awareness in Corporate Settings, *International Journal of Science and Research (IJSR)*, Volume 13 Issue 3, March 2024, pp. 740-744, <https://www.ijsr.net/getabstract.php?paperid=SR24308032254>, DOI: <https://doi.org/10.21275/SR24308032254>

Links: https://scholar.google.com/citations?view_op=list_works&hl=el&hl=el&user=SdBbLM4AAAAJ
| <https://www.researchgate.net/profile/Ilias-Karachalios/research>

OTHERS PROJECTS

[11/2023]

Discovering the Flora, Fauna, and Geology of the Helmos-Vouraikos UNESCO Global Geopark (CoCreate) Educational Game

Educational tool, designed to introduce participants to the diverse range of flora, fauna and rocks found within the geopark. The game aims to educate players on the importance of conservation and sustainability while promoting an appreciation for the natural world. It is played through cards game format or a scavenger hunt where players learn interesting facts and information about the various species found in the geopark.

Link: <https://sites.google.com/view/fdxv3and1>
