

Georgios Sarantakos

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A. Current position

Georgios Sarantakos has the position of Marine Officer of IUCN. From this position, he contributes to the offshore energy projects and the assessment of environmental risks and opportunities of marine energy of the [IUCN Global Marine Programme](#).

B. Professional Experience

Georgios was for 1.5 year the Coordinator of the [Greenhouse Gases \(GHGs\) accounting working group](#) of the [Roundtable on Sustainable Biofuels \(RSB\)](#). More than 150 stakeholders working on environmental and energy issues from any sector (academic groups, NGOs, governments, international organisations) in worldwide were subscribed to his working group. The aim of his group was to release a guideline for the definition of the minimum criteria for acceptable national GHGs-Life Cycle accounting and sustainability tools. This aim was achieved with the release of the "[Global Principles and criteria for sustainable biofuels production](#)" document.

From September 2004 and for one year, Georgios gained one year of experience on Environmental Impact Assessment of wind parks as a project developer of [RETD S.A](#), collaborator of "[EDF Energies Nouvelles](#)" company in Greece. The environmental Impact assessment was the only document required for the licensing and included air, water, soil, biodiversity and noise impact assessment during the life cycle of the park as well as of the required road infrastructure and high voltage grid construction.

During his master degree, Georgios had a more focused experience on water treatment by pursuing a six months internship on photochemistry and ultrasonic treatment at the Chemical Engineer Department at the EPFL. This internship had tangible results with a [paper published](#) and a [second one in press](#). Likewise, during his bachelor degree, Georgios had two summer internships at the [Hellenic Ministry of Development](#), engaged on sustainability policy's issues.

C. Academic background

Georgios Sarantakos holds a Masters degree in [Environmental Sciences and Engineering](#) at the [Swiss Federal Technical Institute of Lausanne](#) (known as EPFL). He concluded his MSc studies by pursuing his Master thesis on the Life Cycle-based environmental, social and economic impacts and opportunities assessment of automotive fuels (biofuels and biofuels) in Madagascar with the use of sustainability scenarios analysis for 2030.

In 2005, Georgios Sarantakos graduated with a degree of BSc in [Environmental Science](#) from the first, and only on that time, department in Greece, specialised on environmental studies, the Department of Environmental Science at the University of the Aegean. The University of the Aegean is located in several islands of Aegean Sea and as a result, the marine biodiversity was a big chapter of his BSc studies. His Bachelors' thesis was based on the analysis of the energy and environmental policy and research of the European Union.

D. Other interest and participations

- ✓ Georgios is one of the 10 Life cycle assessment (LCA), supply chain, and GHG accounting expert of the [World Resource Institute GHGs Protocol Initiative](#).
- ✓ Georgios speaks Greek (mother tongue), English (fluent), French (very good) and German (elementary)
- ✓ His computer skills include good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™) (certified) and Open Office Suite (Writer, Calc, Impress) as well as knowledge of PhotoShop™, MATLAB™, STELLA™, MathCAD™, Gemis™, SimaPro™, Greet™, SPSS™ (through training, work and voluntary)
- ✓ He likes doing sports such as Basketball, Escalade or playing Chess