



Georgios I. SKODRAS

- **Dr. Chemical Engineer**
- **Professor – Dept. of Mechanical Engineering – School of Engineering – University of Western Macedonia**

He is professor of clean energy and environmental technologies (focusing on novel H₂ production and storage technologies, CO₂ capture and utilization, renewable energy sources, solid fuels (coal, biomass, etc.), fuel cells (S.O.F.C.), design and development of novel materials and technologies for environmental purposes, wastes (solid and liquid) management and exploitation, and the circular economy for advanced environmental protection), at the Dept. of Mechanical Engineering, School of Engineering, University of Western Macedonia. He has been director of the Institute for *“Energy Development and Post-lignite Era Transition”*, University Research Centre *“TEMENUS”*, and founder and first director of the Graduate Course *“Energy Resources: Technologies and Management”*, (2016-2018). He participates (2nd term) in the General Assembly of the Hellenic Foundation of Research and Innovation.

Prof. Skodras has implemented / implements fifty-five (55) research and industrial projects, funded by the European Commission, the industry and the private sector, and he has carried out one hundred and thirty-five (135) engineering/industrial studies and investment /business plans. He has published one hundred and eighty-four (184) research papers in international peered journals (78), peered conference proceedings (101) and five (5) within the OPET network, and has accepted several citations. He has prepared fourteen (14) chapters in books, edited a scientific book (Thermodynamics, Borgnakke & Sonntag, Wiley Int.), while he has given twenty (20) invited lectures.

He has worked/works as "*Independent Expert*" at the Research Executive Agency and the Research Fund for Coal and Steel of the European Commission, the Hellenic Ministry of Development, the General Secretariat for Research & Technology Hellas, the National Council of Research and Development of Romania, and the Latvian Council of Science, while, he is reviewer at thirty international peered scientific journals. Through his research activities he has developed extensive collaboration with seventy-seven (77) EU and multinational companies, research institutes and universities, in more than thirty (30) countries. For his scientific achievements he has been included in the Elsevier/Stanford University list of the top 2% scientists worldwide in the sector of "Energy" for consecutive years.

In parallel, he has more than thirty (30) years of experience in the organization, administration and management of private (ENERGY Plus, G & S Computer Systems Inc. EKETEN "Europe 2000", Hellenic Center for Technology and Youth Training ngo, Texniki Michanografiki Inc., GAIA ngo, etc.) and public (EYATH SA, EYATH SERVICES SA, EGNATIA ODOS SA, Organization of Urban Transportation of Thessaloniki) companies and organizations, as senior engineer, consultant and top management (head of unit, general director, chief executive officer etc.).