

Personal profile

Dr. Nikolaos Koukouzas

Director of Research



Organisation

Director of Research of CERTH/CPERI (Centre for Research and Technology Hellas/ Chemical Process and Energy Resources Institute)

Dr Nikolaos Koukouzas, holds a BSc degree in Geology from the National University of Athens and an MSc degree in Industrial Mineralogy. He continued his studies in the UK, receiving 4 years Grant from the State Scholarship Foundation of Greece, and completed his PhD degree in Economic Geology from Leicester University, UK in 1995.

Dr. Koukouzas is the director of research in the Chemical Process and Energy Resources Institute (CPERI) in the Centre for Research and Technology (CERTH), supervising a team of scientists in Athens, Thessaloniki and Ptolemais (Greece). His research expertise focuses on coal geology, industrial mineralogy, coal geochemistry, fossil fuel characterisation, coal combustion by-products, coal open mines slope stability, waste and mine water treatment, CO₂ storage and monitoring.

Dr. Koukouzas has been a project manager and scientific responsible at several research projects with more than 25 years of experience on industrial mineral applications, coal mining, power production, coal combustion by-product utilisation, co-combustion of coal with biomass related topics. He has also participated as Scientific Responsible in various projects sponsored by the EC and by the Greek General Secretariat for Research & Technology.

From 1999 to 2003 he was appointed to the European Commission, Direction General for Energy & Transport, as a Detached Expert in Coal Technology. He has extensive experience in monitoring and management of various scientific projects, mainly concerning Coal, such as THERMIE, ENERGIE, CARNOT & RFCS (former ECSC) Projects.

Furthermore, Dr. Koukouzas is a national delegate in the Carbon Sequestration Leadership Forum (CSLF), in the Government Group of Zero Emission Power Plant Technology Platform (ETP-ZEP), in the Policy and Technical Group of the Carbon Sequestration Leadership Forum – CSLF and in the Working Group for the CO₂ Capture and Geological Storage of the European Climate Change Programme of the European Commission from 2010 to 2011. He is also a member of the Monitoring and Assessment Exercise of the Research Fund for Coal and Steel (RFCS), of the EU-GCC Clean Energy Network (Coordinator for CCS – Europe), of the Expert Group for the launching of the European Commission's Call for Proposals regarding Cooperation on clean coal technology (CCT) and carbon capture and storage (CCS) with coal-dependent developing and emerging country partners "Inventory of Methods" & "Capacity Building activities, of the Executive Committee and the Technical Research Committee in the

European Association for Coal and Lignite – EURACOAL, of the Scientific Board Committee of the Public Power Corporation of Greece (PPC) for the commercial utilization of fly ash and member of the Editorial Board of the International Journal of Greenhouse Gas Control (Elsevier).

Dr Koukoulas is an author of more than 200 publications in scientific journals and international conferences with peer review, with citations over than 1600 and h-index 20.

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