

PROF. GIUSEPPE PIRAS

Architect and engineer, PhD in Redevelopment and settlement recovery.

Since 2001 he is Professor of Environmental Technical Physics of the Sapienza University of Rome; 2002-2008 he was Professor of Technical Equipment at the Officers School of Military Engineers of Rome Course in specialization; for over 15 years is Technical Adviser to the Prosecutor's Office in Rome. Conducts research in the fields of civil and environmental control energetics, he is the author of several articles and publications.

Since 2016 he is Director of the 1st level Master in "Real estate and urban assets integrated management and valorisation - Asset, Property, Facility & Energy Management" at Sapienza University of Rome.

From 2001 to 2010 he was part of a research group at the Department of Technical Physics in Rome for the energy certification of buildings and for the study of air quality in confined spaces. Director of the SUMIT is also: Member of the Board of the PhD in "Energy saving and distributed microgeneration"; scientific coordinator of the Master of Project Management, the National Council Member of the FIAS.

For the biennium 2014-2016 academic was appointed, by decree of the Rector, Coordinator for the initiatives in the field of energy saving and environmental control of the Sapienza University of Rome.

Since 2015 is a component of the Academic Senate of Wisdom of Sapienza University of Rome.

Over the past three years, he has collaborated on a international research project of great relevance "Source - Sustainable Urban Cells", promoted by the Ministry of Foreign Affairs and co-funded by the Ministry of Education, University and Research, in 'field of scientific cooperation and bilateral Italian technology - Sweden, developed jointly between CITERA center of the University of Rome and the Royal Institute of Technology in Stockholm (School of Architecture and Built Environment, Dept of Urban Planning & Environment). In this context, it continued its verification of the application of technological systems with high environmental compatibility, correlating them to the territorial planning in urban areas, and ensuring coherence between territorial planning, energy and environment; these transactions were carried out by evaluating the effectiveness of Best Available Technologies industry. It has also deepened the study and analysis of new technologies for energy efficiency, taking into account environmental issues, the bioclimatic design, energy certification, the different construction and plant technologies, environmental well-being, and assessment of environmental impacts during the entire life cycle of manufactured building organisms.

Since 2015 is a member of the international research named "PRACTICE" on the impact of built environment on ageing society, promoted by the Ministry of Foreign Affairs and co-funded by the Ministry of Education, University and Research, in 'field of scientific cooperation and bilateral Italian technology - Sweden, developed jointly between CITERA center of the University of Rome and the Royal Institute of Technology in Stockholm (School of Architecture and Built Environment, Dept of Urban Planning & Environment).the research will end in 2017.