

Lucio Ubertini – Biography

Lucio Ubertini was an Italian academic and hydraulic engineer of internationally recognized prestige. He served as Full Professor at *Sapienza University of Rome* and was a leading figure for decades in the field of hydraulic engineering and hydrogeological risk prevention. Founder of the **Honors Center of Italian Universities (H2CU)**, he skillfully combined research, education, and international cooperation, making significant contributions to UNESCO programs.

Academic Roles

- **Academic Career:** After earning his degree in Engineering from Sapienza University of Rome in 1966, Ubertini began his academic career in 1968 as a lecturer at the University of Perugia. In 1996, he became Full Professor of Hydraulic Engineering at Sapienza, a position he held until retirement. At Sapienza, he mentored generations of engineers and researchers.
- **Leadership of Centers and Programs:** Founder and director of the interuniversity H2CU Center. He served as a visiting professor at prestigious international institutions such as MIT, Princeton, IIT Delhi, and Universidade de São Paulo.
- **Scientific Societies and Academies:** Member of the **Accademia dei Georgofili**, the **Accademia Scientiarum et Artium Europaea**, and the **International Water Academy** in Oslo.

Institutional Roles

- **Director of CNR-IRPI (1978–2008):** Directed the Research Institute for Hydrogeological Protection (IRPI) of the Italian National Research Council (CNR) in Perugia.
- **Italian Commission for Hydrogeological Risk (1982–2002):** Served for 20 years as President of the Italian Commission for Hydrogeological Risk.
- **Presidency of GNDCI and IUGG:** President of the *National Group for the Defence Against Hydrogeological Disasters (GNDCI)* of the CNR and of the Italian Commission of the *International Union of Geodesy and Geophysics (IUGG)*.
- **UNESCO:** Represented Italy within the *International Hydrological Programme (IHP)* and contributed to the *World Water Assessment Programme*.
- **ICID:** President of *ITAL-ICID* (2000–2007) and Honorary Vice President of the *International Commission on Irrigation and Drainage (ICID)* (2008–2011).

Awards and Honors

- **Honor Medal for Environment and Co-Development (2019):** Awarded the *Premio Mediterraneo* at the *Museum of Peace* in Naples.
- **Goodness Award – City of Perugia (2011):** Conferred by the *Unione Nazionale Cavalieri d'Italia* for his work in Civil Protection.
- **Other Honors:** Honorary member of numerous scientific academies and author of over 150 scientific and technical publications.

Main Research Fields

- **Hydrology and Hydraulic Processes:** Study of the water cycle and fluvial phenomena.
- **Stochastic Modeling:** Simulation of inflow-outflow processes in river basins.
- **Extreme Events Analysis:** Statistical study of floods and droughts.
- **Hydrogeological Risks:** Analysis and mitigation of landslides and hydrogeological instability.