

Research Organization:

DEPARTMENT OF ENGINEERING FOR INNOVATION – UNIVERSITY OF SALENTO

Individual Research Member:

Maria Antonietta Aiello

Short CV:

Full Professor of Structural Engineering at University of Salento. Expertise in Structural engineering and composite materials; behaviour of Fiber Reinforced Composite (FRC) beams; seismic vulnerability assessment and retrofit of existing Reinforced Concrete (RC) and masonry structures with innovative material systems; adoption of recycled materials in concrete elements; influence of masonry infills on the behaviour of RC frames, seismic vulnerability of non-structural elements in strategic structures and infrastructures.

PhD in composite materials for civil engineering applications. Work package leader of several research projects in the field of seismic vulnerability assessment and retrofitting of existing buildings (M.E.E.T.I.N.G - Mitigation of the Earthquake Effects in Towns and in Industrial regional districts and RELUIS – Innovative materials for the mitigation of the seismic vulnerability of existing structures).

Head of the Laboratory of Structural Mechanics and Structural Engineering at University of Salento. Principal Investigator in several research projects as RELUIS: “Innovative materials for the retrofit of existing buildings”, ARCUS: “Seismic vulnerability assessment of Museums in Italy according to OPCM 3274/2003 and PCM 12.10.2007”, RELUIS: Task 3.1 “Development and analysis of innovative materials for the seismic retrofitting” and Task 2.2.2 “Hospitals”, RELUIS “Innovative materials for the reduction of the seismic vulnerability of existing structures”, M.E.E.T.I.N.G. - Mitigation of the Earthquakes Effects in Towns and in Industrial reGional districts.

Associate member of COST, RILEM TC 223 MSC, IIFC, ACI, FIB

RELUIS regional referent for courses on "Seismic emergency management – Damage assessment and evaluation of usability".

Author of more than 250 scientific papers published on international journals and conference proceedings.