

*Sofiane AMZIANE* is a civil engineer (USTHB, Algiers, 1993) and got his doctor degree in the field of seismic behavior of reinforced concrete structures at ECN, Ecole Centrale de Nantes, France in 1998.

He has an Associate Professor position at University of South Brittany, Lorient, (1998-2008) where he develops extensive research on rheology of fresh concrete and pressure of SCC against formwork.



Sofiane is a full Professor of the Blaise Pascal University, Clermont-Ferrand (2008) and at the moment he is the coordinator of bio based materials of the Institut Pascal - UMR 6602 which is a part of CNRS.

He is the president of scientific committee of the Association of Civil Engineering Universities (AUGC). His main area of interest is on rheology of concrete, repair and reinforcement of RC concrete with composite, bio-based building materials, characterization and utilization of industrial by-products and waste materials. His research is turned since 2008 on bio based building materials and repair of RC structure with composite. At the moment, most of his contribution is related to alternative materials for construction and especially plant aggregate for the design of environmental friendly concrete

He was the supervisor (or co-supervisor) of 17 concluded doctorates and published 49 full papers in peer reviewed journals with around 913 citations,  $H = 19$  (Google Scholar). He edit the first book related to **Bio-aggregate-based Building Materials: Applications to Hemp Concretes** as well **STAR** of RILEM books and NIST report.

He is member/chair or co-chair of several ACI and RILEM committees (TC BBM and HDB) and was also invited keynote speaker in several International Conferences and delivered special courses (USA, Canada, Portugal, UK, Germany, Tanzania, Algeria, Ghana, South Africa, Morocco, Gabon).

In terms of funding, he is the Coordinator of several project 2012-2015 (ECoGraFi, over €1 million), 2 Knowledge Transfer Partnership industrial projects (2007-2016) and several research project funding by the government (AGROBETON 1 and 2).

He is chair of the first and second International Conference on bio-based building materials 2015 and 2017, as well EcoGraFi 2017 conference.

