

Nicoletta Tambroni

Researcher

✉ nicoletta.tambroni@unige.it

☎ +39 010 3532497

Education and training

2005

Ph.D. in 'Fluid dynamics and Environmental Engineering Processes' (XVII cycle)

Morphodynamic Evolution of Tidal Channels and Tidal Inlets

University of Genoa - Genoa - IT

2001

M.Sc. Degree in Civil Engineering

Morphodynamic equilibrium of tidal channels and estuaries experimental observations - 110/110 e lode

University of Genoa

Academic experience

2008 - ONGOING

Assistant professor

University of Genoa

2005 - 2008

Post-doc fellow

University of Genoa

Teaching activity

Courses taught at the University of Genoa:

- 'Hydrodynamics' (B.Sc.), Polo Marconi, since the academic year 2015/16 (main responsible)
- 'Continuum Mechanics' (M.Sc), academic years 2012/13 and 2013/14 (main responsible)
- 'Hydraulics' (B.Sc.) academic years 2010/11, 2011/12 and 2007/08
- 'Hydraulics II' (B.Sc.) academic year 2009/10
- 'Fluid Mechanics' (B.Sc.) academic year 2009/10
- 'Fluid Mechanics 1' (M.Sc.) academic years 2002/03 and 2003/04

Postgraduate research and teaching activity

Supervision of PhD students, residents and post-doctoral

fellows

Courses taught at the University of Genoa:

- Perturbation Methods 1 (Ph.D.), academic years from 2014/15 to 2017/18 (main responsible)
- Advanced Fluid Mechanics (Ph.D.) academic year 2008/09

Research interests

My research interests cover different aspects of the eco-morphodynamics of tidal environments (estuaries, lagoons) including the sediment transport and bedform dynamics in tidal environments. My expertise is both in mathematical and physical modelling of environmental systems.

Editorial activity

Reviewer of many manuscripts for journals (e.g., J. Geoph. Res., Water Resour. Res., JRL).

Assignments abroad

December 2002 - March 2003: **Visiting scientist** at the Manchester Centre for Construction Engineering (UMIST), Manchester, UK, Supervisor Prof. P.K. Stansby (UMIST).