

## CURRICULUM VITAE

**NAME:** Andrea Balzano

**TITLE:** Associate Professor of Hydraulic Engineering

**BUSINESS ADDRESS:** Dipartimento di Ingegneria Civile, Ambientale ed Architettura  
Sezione di Idraulica  
Università di Cagliari  
(Department of Civil, Environmental Engineering and Architecture,  
Hydraulics Section  
University of Cagliari)  
Via Marengo, 2  
09123 Cagliari  
ITALY

**DATE OF BIRTH:** 1 february, 1961

**NATIONALITY:** Italian

**HIGHER EDUCATION:**

Graduation degree	with honours, University of Cagliari (1985)
PhD	Milan Polytechnic (1993)

### CAREER SUMMARY:

2005 – present Associate professor, Department of Civil and Environmental Engineering and Architecture, Hydraulics Section, University of Cagliari:

- Teacher - courses of Hydraulics, Maritime Hydraulics, Models of Maritime Hydrodynamics

1999 – 2004 Researcher, Department of Land Engineering, Hydraulics Section, University of Cagliari:

- Teacher - courses of Maritime Hydraulics, Littoral Processes and Protection, Hydraulics;

1996 – 1999 Researcher, Department of Land Engineering, Hydraulics Section, University of Cagliari:

- Lecturer - exercitation courses of Maritime Constructions and Fluid Mechanics.

1993 – 1996 Researcher, CRS4, Centre for Research, Development and Superior Studies, Cagliari – Environmental Modelling Group;

1993 – 1994 Consultant, coastal engineer

1991 – 1994 Lecturer - University of Cagliari

- exercitation course of Maritime Constructions

1990 – 1993 PhD student - Milan Polytechnic

1988 – 1989 Contract research assistant, Hydraulics Institute, University of Cagliari

1987 – 1989 Consultant, civil engineer

1986 – 1988 Voluntary research assistant, Hydraulics Institute, University of Cagliari.

1986 – 1987 Military service

1985 Graduation degree

### RESEARCH

- Maritime Hydraulics
- Coastal vulnerability and morphodynamics;

### REFEREEING

SCIENTIFIC JOURNALS:

ASCE Journal of Hydraulic Engineering  
Communications in Numerical Methods in Engineering  
Environmental Modelling and Software  
Ocean Modeling  
Hydrological Processes  
Journal of Coastal Research

**NATIONAL RESEARCH INSTITUTIONS**

Swiss National Science Foundation

**APPOINTMENTS IN SCIENTIFIC COMMITTEES**

Hydroinformatics 2002 – Fifth International Conference on Hydroinformatics – 1-5 July, Cardiff, UK