

## Curriculum Vitae

Daniela Balin (born Talamba)  
Institute of Geography  
University of Lausanne  
CH-1015, Lausanne, Switzerland  
E-mail: [daniela.balin@unil.ch](mailto:daniela.balin@unil.ch)

Birth date: 15 march 1970  
Citizenship: Romanian  
Civil state: married, 1child



### Competences

- Field studies and hydrological modeling;
- Uncertainty as risk assessment tool in environmental modelling;
- Extreme events and impact of climate change on the hydrosystem;
- Scientific event organization (i.e. workshop), oral communication and training

### Professional experience

- **Institute of Geography, University of Lausanne, Switzerland** present
  - Scientific collaborator
  - Marie Heim-Vögtlin Project on implementation of coupled hydro-geomorphologic model for flood and landslides/debris flows initiation areas simulation
  - GEOCLIP – thematic cartography and webmapping
- **Aquatic Ecosystem Analysis Department, UFZ Leipzig-Halle, Germany** 2006 - 2008
  - Scientific collaborator
  - Marie Curie TOK Project: uncertainty in water quantity and quality modeling
- **Laboratory of Hydrology and Land Improvement, EPFL, Switzerland** 2000-2006
  - Research and teaching assistant
  - ESPACE SNF Project / study of hydrological behavior of the Haute-Mentue catchment (Switzerland) through experimental and modeling approaches;
  - WRINCLE European Project / Impact of climatic changes on the hydrological regime / parameters ‘ regionalization of a rainfall-runoff conceptual model;
  - GESREAU Project, Vaud Canton / implementation of a methodology of flood estimation in small catchments;
  - Development of the Haute-Mentue catchment web site and web-driven hydrological database
- **Geography Faculty, « A.I.Cuza » University Iasi, Romania** 1996-1998
  - Teaching and research assistant
  - Coordination of seminars and practical works in regional geography, hydrology and geomorphology
- **College « C.Negruzzi », Iasi, Romania** 1993-1996
  - Titular Teacher
  - Teaching in geography and French

### Education

- PhD in hydrology, HYDRAM, EPFL, Lausanne, Switzerland 2004
- Master Certificate in water sciences, EPFL, Lausanne, Switzerland 1999
- License in geography-French, Romania 1993
- Baccalaureate in mathematics-physics, Romania 1988

### Mention and fellowships

Organization of two international workshops on “Uncertainty in water quality and quantity”, Magdeburg, Germany, 21-22 May 2007 and 23-24 June 2008

Academic fellowship of the Swiss Confederation 1998-1999

Merit Diploma (Promotion Chief), University « A.I.Cuza », Iasi, Romania 1993

Merit National Scholarship for results during faculty 1990-1993

### Languages - written, read, spoken

French-fluent; English-TOEFL score 619, '98, very good; German-good; Italian-beginner; Romanian-mother tongue;

### Informatics

Microsoft Office, GIS (MapInfo, ArcView, ArcGIS), computer programming (R, LABVIEW, PHP), statistics (S-PLUS), web-design (Dreamweaver); database: development (MySQL) and management (PhPMyAdmin).

### Hobbies

Ride, jogging, ski; volunteer in the ski camp for foreign students in Engelberg, Switzerland