

Curriculum Vitae - E. Baltasvias

Personal data

Institute of Geodesy and Photogrammetry, ETH Zurich
Stefano-Franscini-Platz 5, Room HIL D43.1
CH-8093 Zurich, Switzerland
Tel. +41-44-633 3042
Fax +41-44-633 1101
Email: manos@geod.baug.ethz.ch
<http://prs.igp.ethz.ch>
Married, two children.

Education

9.1975 - 6.1981, Dipl. Ing., School of Rural and Surveying Eng., National Technical University, Athens, Greece
9.1982 - 8.1984, Master of Science, Department of Geodetic Science and Surveying, Ohio State University (OSU), USA
10.1984 - 12.1991, PhD in technical sciences (Dr. sc. techn.), Eidgenössische Technische Hochschule Zürich (ETHZ)

Employment

1981 - 1982, Work as Surveying Engineer and cooperater of the firm "METE", Athens, Greece
1982-1984, Graduate Teaching and Graduate Research Associate, OSU, USA
10.1984 - 6.1991, Ph.D. student and Assistant at Inst. of Geodesy & Photogrammetry (IGP), ETHZ
7.1991 - 12.1996, Oberassistent at IGP, ETHZ
Seit 1992, Dozent at ETHZ
Seit 1.1.1997, Permanent employer at IGP, ETHZ
7.1997-12.2005, Scientific Adjunct at IGP, ETHZ
Seit 1.9.2006, Senior Scientist at IGP, ETHZ

Awards

- 1982, scholarship of Norwegian Gov. for PhD studies, National Technical University, Trondheim
- 1982 - 1984, Graduate Teaching and Research Associateship at OSU, USA
- 1984, Hugh B. Loving Memorial Award of American Soc. for Photogrammetry and Remote Sensing
- 1984, member of the honorary society Phi Kappa Phi (USA)
- May-July 1992, international scholarship of Stanford Research Institute International, USA
- 1992, 2000, 2004, 2012 "ISPRS President's Award of Honourable Mention" for the best work during a 4-year period within one of the (then) 7-8 ISPRS Technical Commissions.
- 1997, scholarship of Foundation for Research Development, South Africa (Univ. of Cape Town)
- 2002, Best Technical Paper Award and Best Paper Presentation Award in Asian Conference on GIS, GPS, Aerial Photography and Remote Sensing "MapAsia 2002" (with two other colleagues)
- 2002, Linkage International Award, Australian Research Council
- 2004, "ISPRS Schwidewsky Medal" for his work as Editor-in-Chief of the ISPRS PRS journal.
- 2007, Hansa Luftbild Preis for the best yearly paper in the journal PFG (with two other colleagues)
- 2010, ISPRS Fellow. One of maximum 30 persons (currently 18) out of the ca. 50,000 ISPRS professionals that can be honored for their life-long contribution to ISPRS.

Memberships and elective offices

Member of several scientific and professional societies and respective Working Groups.

Elective offices:

ISPRS related: member of Council and Second Vice President (2004 - 2008), Editor-in-Chief, ISPRS Journal of Photogrammetry and Remote Sensing (1/7/1997- 31/12/2004), Associate Editor, ISPRS Journal of Photogrammetry and Remote Sensing (1992 - 12/1996), Responsible of Council for the newly formed Student Consortium and the scientific publications of ISPRS (2004 - 2008), Chair, Working Group (WG) "Promotion of the Profession to Young People" (2008-2012), Chair, Working Group "Education and Training" (2000-2004), Chair, Intercommission Working Group "Integration of Image Analysis and GIS" (1996 - 2000), Chair, Intercommission Working Group "Image Sequence Analysis" (1992 - 1996), Secretary of the U.V. Helava Award jury (1998-2004), Editorial Board ISPRS International Journal of Geo-Information (2011-2016).

Other offices: European Organisation for Experimental Photogrammetric Research (WG Co-chair "Automated extraction, refinement, and update of road databases from imagery and other data"), European Association of Remote Sensing Laboratories (representative of our Photogrammetry and Remote Sensing Group), SGPF (Chair

of WG “DTM”). Elected member, Swiss National Academy of Sciences, Commission of Remote Sensing (2009 -). Elected member, Council of Swiss Soc. for Photogrammetry and Remote Sensing (2016 -).

Publications (excl. reports within projects)

Since 1981, 292. Journals 40, Proceedings 171, Technical Reports 16, Monographs, Tutorials, Edition of Proceedings and Books, Book Chapters 36 (incl. (co-)editing 10 books and conference proc.), Varia, 29.

According to Google Scholar (based on Google Scholar, accessed 14.8.2020)

279 articles, 8592 citations, h-index 38, i10- index 108.

For details please see <https://scholar.google.com/citations?user=llbSkewAAAAJ&hl=en>

Doctoral Students

IGP: main supervisor and examiner (9), partial supervisor (3)

Foreign: external evaluator (3), external supervisor (2)

Supervision of academic guests at ETHZ (MSc and PhD) and supervisor and examiner of foreign MSc students.

Reviewer for:

Publications: for over 20 peer-reviewed journals and international conferences

Research Grants: more than a dozen from 7 countries

Personnel development (incl. election of professors): about 12 evaluations from 7 countries.

Teaching

Involved in teaching since 1982 (at OSU), at ETHZ involved in teaching since 1984, Dozent since 1992. Lectures at ETHZ at BSc, MSc and postgraduate level in Photogrammetry, Remote Sensing, Image Processing and Raster Data Analysis. Guest professor (Univ. of Melbourne, Delft Univ. of Technology, Univ. of Aegean) and lectures at various foreign universities. Lecturer in about 30 international tutorials and Summer Schools (ISPRS, SPIE, SGPF). Supervision of Diploma theses, MSc and BSc theses, Master project work, Interdisciplinary Project Work, Vertiefungsblock, Praktika, Seminar Work.

Research Grants and Projects

Participation in numerous project proposals since 1985 (about 35 main and 30 smaller projects), with an approximate grant estimate of several million SFr. Main sources: EU, ESA, SNF, KTI, federal offices, ETHZ, private industry. Active participation in several projects at various levels, from researcher to project coordinator.

Presentations, Participation in events, Organisation of events

Over 130 presentations and participation in over 200 scientific events.

International scientific conferences: main organiser, member of organising and technical programme committee of ca. 70 events since 1987, organiser and chair of sessions, coordinator of panel discussions, organiser of over 20 Tutorials within conferences. Int'l cooperation and training activities in developing countries.

Languages

Greek (mother tongue), German (very good). English (very good), Spanish (medium).