

SIDERIS TWO-PAGE CV

Degrees

Dr. h.c., 2004, Geodesy, Univ. of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria
Ph.D., 1988, Surveying Engineering, University of Calgary, Canada
M.Sc., 1984, Civil Engineering, University of Calgary, Canada
Dipl.-Eng., 1981, Surveying Engineering, National Technical University of Athens, Greece

Positions at UCalgary

Since 1996 Professor
1991-1996 Associate Professor
1988-1991 Assistant Professor
1987-1988 Postdoctoral Fellow and Sessional Lecturer
1986 Research Associate and Sessional Lecturer

Administrative Positions at UCalgary

2019-2021 Associate Head (Research), Geomatics Engineering
2015-2021 Graduate Director, Geomatics Engineering
2003-2011 Associate Dean, Faculty of Graduate Studies
2005-2006 Associate Dean (International), Schulich School of Engineering
2005 Interim Executive Director, Calgary Centre for Innovative Technology (CCIT)
1999-2005 Associate Dean (Research), Faculty of Engineering
1993-2000 Associate Head (Research and Graduate Studies), Geomatics Engineering

Teaching Contributions and HQP Supervision

Undergraduate courses: 22 total (4 2nd year, 9 3rd year, 9 4th year), including 8 sets of lecture notes
Graduate courses: 8
Continuing education courses: 2
Short courses: 15 at foreign institutions and international summer schools
Invited lectures and seminars: 37 at international institutions

Graduate supervision: Over 60 PhD, MSc and MEng students
Supervision of PDFs, RAs and visiting scholars: 11
Supervision of internship and international visiting/exchange students: 12
Senior undergraduate design project supervision: 13 projects (31 students)

Research and Scholarly Contributions

Grants and contracts funded by:

NSERC Discovery (continuously since 1990), Strategic, CRD and Major Facilities Access grants, NRCan, European Space Agency, NATO, European Union, GEOIDE and Carbon Management Canada Networks of Centres of Excellence, Alberta and BC Governments, Alberta Ingenuity Fund, Tecterra, SSE Endowment grant, UCalgary VPR NEST grant, and industries from Canada, USA and South Korea

Publications and presentations:

113 in peer reviewed scientific journals
96 in fully refereed, full-text conference proceedings
10 in encyclopedias
12 books and book chapters
20 in scientific series and published research reports
253 presentations at conferences without proceedings
21 invited/keynote presentations

Editor, Encyclopedia of Geodesy

Awards & Fellowships

2019 Service Excellence Award, Department of Geomatics Engineering
2017 1st and 2nd Year Teaching Excellence Award 2016-2017, Engineering Students' Society
2015-2019 Elected President, International Union of Geodesy and Geophysics
2016 Outstanding Teaching Performance Award for 2015-2016, SSE
2015 Service Excellence Award, SSE
2015 Teaching Excellence Award, SSE
2015 1st and 2nd Year Teaching Excellence Award 2014-2015, Engineering Students' Society

2014-2017	Discovery Accelerator Supplement Award, NSERC
2014	Outstanding Teaching Performance Award for 2013-2014, SSE
2011-2015	Elected Vice-President, International Union of Geodesy and Geophysics
Since 2011	Honorary President, International Association of Geodesy
2007-2011	Elected President, International Association of Geodesy
2006	Champion of the SSE Award, for the SSE Post Graduate Program Enhancement
2004	Honorary Doctorate, Univ. of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria
Since 1999	Fellow of the Integrational Service for the Geoid (ISG)
1999	Faculty of Engineering Research Excellence Award in Geomatics Engineering
1988-1989	Alexander von Humboldt International Research Fellow
Since 1991	Fellow of the International Association of Geodesy

University Service Contributions

University: Member of 45 committees, including chairing 4 of them (Research Development and Policy Committee; FGS Policy, NSERC Scholarships and Data Warehousing Committees), and serving on the Board of The University of Calgary Faculty Association (TUCFA)

Faculty: Member of 35 committees, including chairing 5 of them (Research and Scholarship Leave, Research and Post Graduate Studies, Selection for the PanCanadian Petroleum Chair, Internationalization, Statistics/Computing)

Department: Member of 28 Committees, including chairing/coordinating 5 of them (Research, Graduate Studies, Undergraduates Studies, International Relations, Continuing Education)

Selected National Service Contributions

Chair, Expert Committee #30 – Geographical Information, 2017 Innovation Fund, CFI

External reviewer, NSERC discovery grants competitions

Acting Registrar, Western Canada Board of Examiners for Land Surveyors

Special Examiner, Western Canadian Board of Examiners for Land Surveyors

Special Examiner, Canada Land Surveyors

Board member, Alberta Science and Technology (ASTech) Awards Foundation

Board member, GEOIDE Network of Centres of Excellence (NCE)

Board member, The Macleod Institute

Board member, The Van Horne Institute

Member, Research Management Committee of the GEOIDE NCE

Member, Canadian Geodetic Science and Applications Committee, Canadian Geodetic Survey, NRCan

Chief IAG National Delegate, Canadian National Committee for the IUGG

Selected International Service Contributions

President, International Union of Geodesy and Geophysics (IUGG)

President, International Association of Geodesy (IAG)

IUGG delegate, International Science Council (ISC)

Chair, IUGG Resolutions and Outreach Committees

Chair, IAG Levallois Medal, Nominating, and Cassinis Committees

Chair, Global Geodetic Observing System (GGOS) Theme 1: Unified Global Height System

Member, GGOS Committee on Satellite Missions

President, IAG Section III: Determination of the Gravity Field

Vice President, International Gravity and Geoid Commission (IGGC)

Program Board Member, Group on Earth Observations (GEO)

Member, Executive Committee of the IUGG Union Commission on Climatic and Environmental Change

Member, Steering Committee of the GeoUnions of the International Science Council (ISC)

Member, Scientific Evaluation Panel of the Helmholtz Centre Potsdam - GFZ German Research Centre for Geosciences

Member, External Review Committee, Geosciences Program, Delft University of Technology, Netherlands

Member, Scientific Review Panel, Earth Observation Envelope Program 4 of the European Space Agency

Member, GRACE and GRACE-FO Review Panel of NASA

Review panel member, NASA Solicitation and Proposal Integrated review and Evaluation System

International reviewer for the National Research Council of the National Academies of the USA