

# Lebenslauf Prof. Dr.-Ing.mult Gottfried Konecny

## Curriculum Vitae

<b>Name</b>	<b>Gottfried Konecny</b>
<b>Born</b>	<b>June 17, 1930 in Troppau, Czechoslovakia</b>
<b>Citizenship</b>	<b>Canadian; German Civil Servant, State of Lower Saxony</b>
<b>Married</b>	<b>since 1958 to Lieselotte, nee Angstwurm, from Munich, Germany</b>
<b>Children</b>	<b>Susanne Katharina, born 1959 in Munich, Gottfried jun., born 1961 in Munich</b>
<b>Private address</b>	<b>Wartheweg 22 D-3000 Hannover Germany</b>
<b>phone/fax</b>	<b>+ 00 49-511-528 25</b>

## Schools

- Elementary School, Troppau, Czechoslovakia/Sudetenland, 1936-1940
- Secondary School, Troppau, Sudetenland 1940-1945
- Secondary School, Neumarkt Opf., Germany 1948-1950
- University Education: Technical University of Munich, F.R. Germany (Surveying Engineering) 1950-1954
- Ohio State University, Columbus, Ohio, USA (Geodetic Science) 1954-1956
- Louisiana Polytechnic Institute, Ruston, La., USA ,NSF Summer School in Applied Mathematics 1960

## Degrees

- M.Sc. 1955
- Technical University of Munich, F.R. Germany (Photogrammetry) degree: Dipl.-Ing. (Surveying Engineering) 1957
- Technical University of Munich, F.R. Germany (Photogrammetry) degree: Dipl.-Ing. (Surveying Engineering) 1957

## Honorary Degrees, Awards and Distinctions

- Dr. h.c., Universidad Nacional de Tucuman, Argentina 1971
- Earl J. Fennell Award, American Congress on Surveying and Mapping 1978
- Honorary Member, Brazilian Society for Cartography 1981
- Honorary Member, Spanish Society for Photogrammetry 1983
- Team Achievement Award, European Space Agency 1984
- Commendador, Brazilian Society for Cartography, Order of Merit 1984
- Dr. Sc. h.c., University of New Brunswick, Canada 1985
- Honorary Member, Committee on Geographic Information Systems, Laboratory of Remote Sensing (LREIS), Chinese Academy of Science 1986
- Honorary Professor, Technical University for Surveying and Mapping, Wuhan, China 1986
- Order of Merit, First Class, Fed. Rep. Germany 1990
- Honorary Fellow, Indian Society of Remote Sensing 1991
- Honorary Member, International Society for Photogrammetry and Remote Sensing 1992
- Dr. Sc. h.c., Anna University, Madras, India 1994
- Honorary Member, German Society for Photogrammetry and Remote Sensing 1999
- Wilhelm Exner Medal, Austrian Trade Association 1999
- Photogrammetric Award, American Society of Photogrammetry and Remote Sensing 2000

## Employment

- Draftsman, Survey Office, Troppau, Czechoslovakia 1945-1946
- Technical employee, City Survey Office, Neumarkt Opf., Germany 1946-1948
- Assistant, Institute for Geodesy, Photogrammetry and Cartography, Ohio State University, Columbus, Ohio, USA (under Prof. Heiskanen and Prof. Doyle) 1955-1956
- Scientific Assistant, Institute for Photogrammetry, Technical University Munich, Germany (under Prof. R.Finsterwalder) 1957-1959
- Department of Civil Engineering, University of New Brunswick, Canada (Setup of a University Department of Surveying Engineering with the first English speaking undergraduate and graduate degree program in Canada for the subjects of Surveying, Geodesy, Photogrammetry and Cartography:

Assistant Professor 1959-1962

Associate Professor 1962-1966

Full Professor and Department Head 1966-1971

Adjunct Professor, University of New Brunswick, Canada since 1971

- Professor and Director of Institute for Photogrammetry and Engineering Surveys, University of Hannover, F.R. Germany, responsible for teaching, research and consulting activities since 1971
- Emeritus Professor 1998

## Fellowships

- Fulbright scholarship of the U.S. Government for studies at Ohio State University, USA 1954-1955
- National Science Foundation fellowship for studies at Louisiana Polytechnic Institute, USA 1960
- National Research Council (Canada) - Senior Research Fellowship: Raytheon/Autometric Operation at N.A.S.A. - MSC, Houston, Texas - Development of Photogrammetric Methods for the Lunar Orbiter Program to detect Lunar landing sites 1966-1967
- Visiting Professor, University of New South Wales, Kensington, Sydney, Australia 1966-1967
- USSR Academy of Sciences, Exchange Fellowship University of Leningrad, USSR 1970
- Academy Fellowship, Volkswagen Foundation: Institut Geographique National, Saint Mandé, Paris, France 1984-1985
- Commonwealth on Australia, Vice Chancellor Fellowship, Technical Univ. of Queensland, Univ. of New South Wales, University of Melbourne

## Special Activities, Consultancies

- Trainee, City Survey Office, Nuremberg, F.R. Germany, Summer 1950, 1951
- Computing Section, Geodetic Survey, Munich, F.R. Germany Summer 1952
- IASTE-exchange, trainee, City Survey Office, Helsinki, Finland Summer 1953
- IASTE-exchange, trainee, French National Oil Co. (geophysics section), Montpellier, France autumn 1953
- Photogrammetric operator, Ohio Department of Highways, Columbus, Ohio, USA Summer 1956
- Consultant, Department of Surveys, Province of New Brunswick, Canada, setup of control surveys and of mapping as well as of a land information system for the Province 1959-1971
- Member, Board of Examiners, New Brunswick Association of Land Surveyors, Canada 1959-1970
- Research employment in glacial photogrammetry, Institute of Photogrammetry, Technical University of Munich, F.R. Germany Summer 1961
- Glacial surveys in Western Canada in cooperation with the Federal Government of Canada summers 1962, 1963
- Sub-contractor: Terrestrial photogrammetric surveys of dam-construction, Colombo-Plan Project "Idikki", State of Kerala, India Spring 1964
- Photogrammetric glacial surveys and velocity surveys of an ice shelf on Ellesmere Island, Canadian Arctic Summer 1964
- Gravity survey of the Province of New Brunswick, Canada 1964-1967
- Chief Surveyor, National Geographic Society Expedition to Mount Kennedy, Yukon Territories, Canada April 1965
- Staff member of National Science Foundation (USA) - Summer Institute for glaciology of Michigan State University at Juneau Icefield, Alaska, USA Summers 1965, 1969, 1970, 1972
- Consultant to Ottico Meccanica Italiana, Rome, Italy 1968-1971
- Visiting Professor, National University of Tucuman, Argentina Sept. 1971 and Aug. 1973
- Consultant, United Nations Development Project at Survey of India, Hyderabad, A.P., India, Analytical Photogrammetry March 1973-April 1973

- Chairman, Examining board, Swiss School for Photogrammetric Operators, St. Gallen, Switzerland 1975-1984
- Consultant on various German Technical Cooperation assignments of GTZ:

-Costa Rica (University of Heredia) 1975

-Nigeria (Mapping Center, Enugu) 1976

-Zimbabwe (University of Zimbabwe and National Remote Sensing Centre) 1988-1992

-India (Institute of Remote Sensing, Anna University, Madras and National Remote Sensing Facility, Dept. of Space, Hyderabad) 1990-1997

-Guatemala, Study on Modernisation of the National Geographic Survey Institute 1999 and Course on Digital Photogrammetry 2000

- Head of Delegation of the Fed. Rep. of Germany to United Nations Cartographic Conference, Panama March 1976 and Mexico 1978
- Invited Lecturer for course on Analytical Photogrammetry, Colegio de Ingenieros, Caracas, Venezuela August 1977
- Consultant to DLR (German Space Agency) & Project Scientist, Metric Camera Experiment, First Spacelab Mission as Project Scientist 1977-1986
- Chairman Metric Camera Working Group, European Space Agency, Paris 1977-1988
- Consultant to Hansa Luftbild GmbH, Münster, F.R. Germany 1977-1998
- Consultant to German Space Research & Development Agency, DLR, Oberpfaffenhofen (mapping from satellites) 1987-1998
- Invited Lecturer for Course on Analytical and Digital Photogrammetry, University for Geodesy, Photogrammetry and Cartography, Wuhan, P.R. China Sept 1980 - Oct 1980
- Consultant, Survey Department, Kuwait Municipality, Government of Kuwait
- Setup of the KUDAMS Project (Integrated Urban Geographic Information System) involving control surveys, photogrammetry, digital mapping and GIS (tendering procedures, supervision of contracts) 1980-1990
- Invited Lecturer for Course on Analytical Photogrammetry (in Spanish language), Universidad Autonoma de Mexico, Mexico April 1981
- Consultant, World Bank Project 'Photogrammetry and Geographic Information Systems', Agricultural Land Reform Office, Bangkok, Thailand June 1987 - June 1988
- Consultant, UN-Habitat Nairobi at Dubai Municipality Planning Dept. (preparation of control surveys, photogrammetry, digital mapping, GIS 1988-2000)
- Caravan Workshop Organisation and/or active participation

-Middle East Technical University, Ankara, Turkey 1994 on GIS

-National Research Council Beirut, Lebanon, 1995 on GIS and remote sensing

-NASDA/Restec, Ho Chi Minh City, Vietnam 1997 on remote sensing and G

-NASDA/Restec, Ho Chi Minh City, Vietnam 1998 on mapping from Space

-NASDA/Restec, [Diyutalawa], Sri Lanka 1998 on mapping from space

-GTZ, Guatemala on digital photogrammetry

-NASDA/Restec, Pnom Penh, Cambodia 2000 on mapping from space and GIS

### **Functions in Societies and Institutions**

- German Society of Photogrammetry and Remote Sensing
  - Treasurer 1958-1959
  - President 1972-1976
  - Vice President 1976-1980
- International Society for Photogrammetry and Remote Sensing
  - Chairman, Working Group III/1, Geometry of Remote Sensing Systems 1972-1976
  - Congress Director 1976-1980
  - Secretary General 1980-1984
  - President 1984-1988
  - 1st Vice President 1988-1992
  - Chairman Working Group IV/2 & IV/4 " Mapping from Space " 1992-1996, 1996-2000
- Canadian Institute of Surveying, member, Editorial Board 1963-1971
  - Program chairman, CIS Annual Meeting, Halifax N.S., 1970
- European Association of Remote Sensing Laboratories EARSeL

- Chairman of Working Group 9, Space Cartography 1980-1985
- EARSeL National Delegate 1985-1989 & 1997- now
- Vice Chairman of EARSeL 1989-1993
- Chairman of EARSeL 1993-1997
- Honorary Vice President of EARSeL since 1997
- Committee Membership
- National Research Council, Canada
  - Committee on Geodesy 1963-1965, 1969-1971
  - Committee on Glaciology 1964-1971
- Highway Research Board, USA
  - Committee on Photogrammetry 1965-1971
- Inter-Department Committee on Satellite Uses, Government of Canada
  - Committee on Cartography 1970-1971
- Federal Ministry of Research and Technology, F.R. Germany
  - ad hoc committee on remote sensing 1971-1972
  - space research committee 1977-1981
  - ad hoc committee geo-sciences 1980-1981
- German Space Agency DARA, F.R. Germany
  - committee on regional applications of remote sensing 1990 - now
- World Bank, AFTEN, Washington, D.C. (Committee on Environmental Information -Systems for Sub-Saharan Africa 1989-2000, Chairman 1992- 1998)
- German Ministry of Technical Cooperation BMZ, Bonn
- Scientific Committee of Observatoire du Sahel et du Sahara 1992-1997  
(Vice Chairman of Scientific Committee 1993-1997)
- Delegation member or delegation leader of German delegation to UN Cartographic Conferences to Africa, the Americas, and to Asia and the Far East since 1976
- Elected Membership in Scientific Societies German Geodetic Commission at the Bavarian Academy of Sciences since 1971
- Braunschweigische Wissenschaftliche Gesellschaft since 1983
- Sudeto-German Academy of Sciences and Arts since 1984
- International Academy of Astronautics since 1988

### **University Duties**

- Administrative Board (Vorstand) Student Affairs (Studentenwerk), University of Hannover 1971-1985
- Chairman (Sprecher) Special Research Area SFB (Sonderforschungsbereich) No 149, German Research Foundation (DFG): Survey and Remote Sensing Methods in Coastal Areas 1975-1985
- Dean, Faculty of Civil and Surveying Engineering, University of Hannover 1993-1996
- Vice-Dean, Faculty of Civil and Surveying Engineering, University of Hannover 1996- 1998
- Emeritus Professor, as of October 1, 1998