

CURRICULUM VITAE

Prof. RNDr. Ing. Michal V. MAREK, DSc., dr.h.c. August 17, 1954 Czechoslovakia,
Fellow of the Swedish Royal Academy of Agricultural and Forestry Sciences
Researcher ID: D-4383-2014

AFFILIATION:

Global Change Research Institute - CzechGlobe Academy of Sciences of the Czech Republic, Brno, position: **director and Senior Research Scientist**

UNIVERSITY POSITION:

Slovak Technical University Bratislava, Slovakia – **regular professor**

University of Science, HoChiMinh-City, Vietnam – **visiting professor**

University of Energy and Natural Resources, Sunyani, Ghana – **visiting professor**

Panama University - Panama – **visiting professor**

Krakow Agriculture University – Krakow, Poland – **visiting professor**

University Novi Sad – Serbia – **visiting professor**

EDUCATION AND PROFESSIONAL CAREER:

Agriculture University Brno, Faculty of Forestry (1974-1978), Forestry “*Mathematical model of Norway spruce seeds yield*” – **Master degree –engineer: Forestry**

Charles University in Prague, Faculty of Sciences (1980-1986), Biophysics “*Optical properties of Chrysanthemum leaves*” – **Master degree- Rerum Naturalium Doctoris – General Biology: Biophysics**

Charles University Prague, Faculty of Philosophy (1981-1983) **Postgraduate education** “*Mathematical modelling of CO₂ assimilation*”

Charles University in Prague, Faculty of Sciences (1980-1983), PhD studies: “*The influence of nitrogen nutrition on the photosynthetic characteristics of barley*”- **PhD degree In Plant Physiology**

Palacky University Olomouc (1992) **Assoc. Professor** “**Plant Physiology**

Czechoslovak Academy of Sciences (1999) “ Long-term effect of elevated carbon dioxide on the photosynthesis and growth of Norway spruce- **DSc. Degree in Plant Biology**

Mendel University Brno (2001): **Professor** “Forest Ecology”

Technical University Zvolen (2012) (**Dr.h.c.: Doctor Honoris Causa**)

PROFESSIONAL ORIENTATION:

Ecophysiology of photosynthesis, Global change and forests, Carbon cycle, ecosystems energy budget, ecosystem services, Climate Smart Forestry

ACADEMIC AND PROFESSIONAL APPOINTMENTS:

1983 – 1986: **Assistant**, Department of Landscape Ecology, Charles University, Prague

1986-1993: **Research Scientist**, Institute of Systematic and Ecological Biology, Brno, CZ

1992: **Assoc. Professor** “*Plant Physiology*”, Palacky University Olomouc

1997-2010: **director** of the Institute of Landscape Ecology, České Budějovice, CZ

2001: **Professor** “Forest Ecology” Mendel Agriculture and Forestry University Brno CZ

2001 –2010 **president of the Steering Committee** of the Czech Grant Agency

2002–2005 **president of the Scientific board** of the Minister of Environmental protection CZ

2006 – **Czech Republic deputy in scientific committee** of COST EESEM platform

2007-2018: **Czech Republic deputy** in the ENVI ESFRI program

2009- present: **the steering committee –National Roadmap of research Infrastructure**

2010 - present: **member of the research ESFRI committee** ICOS, ANAEE, ACTRIS,

2011 – present: **director** of the Global Change Research Institute. Brno, CZ

2013 – 2016 : **member of experts board** of *Societal challenge*” group HORIZON 2020

2018 – **member of Advisory Committee CSSTEAP**, India

2022- **head of the International Science Advisory Committee** Institute of Forest Ecology Slovak Academy of Science

LONG- TERM PROFESSIONAL FOREIGN STAYS '(more than 3 months):

1981-1982 – East Germany, Institute of Plant Physiology of Agriculture Crops,
1983 – Soviet Union, Inst. of Plant Physiology, Academy of Sci.,Leningrad
1988 - UK, Univ. of Edinburgh
1989 - Sweden, SLU Uppsala
1992-1993 Sweden, SLU Umeå
1993, 1994,1995 - USA, Univ. of Illinois
1996- Greece, Forest Research Inst. Thesalonikii
1996- Finland, Univ. of Joensuu
1997- Switzerland, National Forestry Inst.Zurich
1998,1999,2000,2001, 2002 - Italy, Univ. of Tuscia
2002: - Sweden, SLU Umeå
2003 – China, Univ. of Shanghai
2004 - Panama, Panama University
2006 – Estonia, Univ. of Tartu
2008 – Italy, Univ. of Palermo
2009 – Bulgaria, Inst. of Ecology, Acad. of Sci.
2010- Germany, Helmholtz Gess. Julich
2011- Poland, Agric. Univ. Poznan
2012- India, School of Environmental Sciences Assam University
2013: Vietnam Academy of Science Institute of tropical Biology
2014: Panama, Panama University
2015: Vietnam Saigon University
2016,2017,2018, 2019: Ghana UENR Sunyani , Panama Univ, Saigon Univ.

INTERNATIONAL EC PROJECTS SINCE 1992

1. **EPOCH**: IV. FP EU RD
2. **ECOCRAFT** : V. FP EU RD
3. **EUROFLUX**: V. FP EU RD
4. **PLANTSTRESS** V. FP EU RD
5. **CARBOMONT**: V. FP EU RD
6. **EUROFACE**: VI. FP EU RD
7. **MERCI**: VI. FP EU RD program Infrastructure
8. **CARBOEUROPE**: VI.RP EU IP RD program
9. **ICOS**: VII. FP EU, program ESFRI
10. **ANAEE**, VII. FP EU, program ESFRI
11. **ACTRIS** program ESFRI
12. **DANUBE** program ESFRI

SCIENTOMETRY

No. of coordinated national projects: **15**

No. of coordinated int. projects: **12**

Total number of scientific contributions: **458**

Papers in impacted journals: **103**

Number of papers in other scientific journals: **100**

Number of monographs: **6**

Chapters in monographs: **3**

Textbook: **2**

Lectures, posters abstract o from Int. conferences: **243**

Total IF: 454

WOS: H-index 23, Sum of Records: 1 747

SCOPUS: H-index 25, Sum of Records: 2034

