 CURRICULUM VITAE

**Surname:** Ditmarová  **First name:** Ľubica

**Affiliation and official address:** Institute of Forest Ecology – Slovak Academy of Sciences

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 Slovakia

**Date and place of birth:** December 7, 1963, Bratislava **Nationality:** Slovak

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**Education (*degrees, dates, universities)***

Ph.D study in Dpt. of Phytology (1996-2001), Technical University, Faculty of Forestry, Zvolen, Slovakia

Specialization: Forest phytology, Ecophysiology

Comenius University, Faculty of Natural Sciences, Bratislava, Slovakia

##### MS (RNDr) degree in Protection of Natural Environment (1981-1986)

**Career/Employment (*employers, positions and dates)***

Institute of Forest Ecology, Slovak Academy of Sciences, Zvolen, Slovakia (November 1988 – present)

* Director of the Institute of Forest Ecology (since 2016)
* Deputy director of the Institute of Forest Ecology (2011-2016)
* Head of Ecophysiology research group (since 2010)
* Senior Scientist(2009 – present)

Technical University, Faculty of Forestry, Dpt. of Natural Environment, Zvolen, Slovakia

* Assistant lecturer (1987-1988)

Research Institute of Soil Science and Plant Nutrition

* Researcher

**Specialization *(specify)***

**(i) main field**

Ecophysiological research of forest ecosystems.

**(ii) other fields**

physiological processes, abiotic stress, drought stress, plant stress, environmental plant physiology, adaptive potential of forest trees populations, climate changes

**(iii) current research interest**

* Analyses of stress impacts on forest ecosystems connected with global climate changes.
* Physiological responses of forest trees to abiotic stress factors, especially drought.
* Identification of environmental vulnerability and adaptive potential of forest trees populations under changing climate.

**Membership of Professional Societies**

* Member of Slovak Bioclimatological Society
* Member of Slovak Meterological Society
* Member of Slovak Botanical Society
* Member of Scientific Board at the Institute of Forest Ecology SAS (2004-2008, 2013-2017)
* Member of Scientific Board at the Faculty of Forestry – Technical University in Zvolen (2017-2019, 2020-2024)
* Member of The EASAC EU Working Group focused on sustainable and multifunctional forests (2015-2016)

# Projects

* Management of research projects supported by Slovak Grant Agencies:

VEGA 2/4159/04: „*Physiological processes, production and health state of mountain forest ecosystems on the model area of Biosphere Reserve Poľana”*

VEGA 2/0032/08: “*Response of spruce trees (Picea abies L Karst) to drought stress, studied on the background of selected physiological variables*”

VEGA 2/006/11: „*Eco-physiological response of selected provenances of woody plants to drought”*

VEGA 2/0034/14: „*Stress state identification in forest woody plants by a comprehensive eco-physiological approach”*

VEGA 2/*0049/18 Indication of influence of critical values of environmental factors at level of physiological and growth traits in spruce populations from different geographic origin sites.*

APVV-0436-10: “*Effect of water deficit to physiological and growth processes of selected beech and spruce provenances*”

APVV-0135-12: “*Adaptive genetic potential of forest tree populations in the context of climate change*” (on behalf project partner - Institute of Forest Ecology)

APVV-0480-12: *“Nutrient-energy cycles as disturbance indicators of terrestrial ecosystems”* (on behalf project partner - Institute of Forest Ecology)

APVV-16-0306: “*Identification of environmental vulnerability and adaptive potential of spruce populations under changing climate*”

* Cooperation within international projects: 5.FP EU – MERCI HPRI-2001-00186, 6.FP EU - CARBOMONT EVK 2 – CT 2001 – 00125, COST action FP 1106 STReeSS (2012-2016), COST action CA15226 CLIMO (2016-2020)