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Erasmus+ Project

**New curricula in Precision Agriculture using GIS technologies
and sensing data**

(CUPAGIS)

Online Master Classes

April 2021



Online Master Classes Program

April 2021 (Central European Time)

Thu. 01.04.2021	Dr. Jitka Kumhálová Czech university of life sciences Prague, Prague, the Czech Republic
10:30 – 12:30	Vegetation indices and color syntheses
	Vegetation indices and color syntheses, examples of use

Tue. 06.04.2021	Dr. Jan Chyba Czech university of life sciences Prague, Prague, the Czech Republic
10:30 – 12:30	Physical soil properties
	Soil grains size, soil sampling

Tue. 20.04.2021	Dr. Jan Chyba Czech university of life sciences Prague, Prague, the Czech Republic
10:30 – 12:30	Physical soil properties
	Cone index, soil moisture content, erosion

Thu. 22.04.2021	Prof. Dr. Zhulieta Arnaudova Agricultural University – Plovdiv, Plovdiv, Bulgaria
10:30- 12:30	Access to Sentinel Data
	Copernicus open access hub, Sentinel hub, Land Viewer

Fr. 23.04.2021	Prof. Krum Hristov Agricultural University – Plovdiv, Plovdiv, Bulgaria
10:30 – 12:30	Global Navigation Satellite Systems (NAVSTAR, GLONASS, GALILEO, etc.)
	Indian Regional Navigation Satellite System (IRNSS) Quasi-Zenith Satellite System, Japan (QZSS)

Mon. 26.04.2021	Prof. Dr. Dimo Atanasov Agricultural University – Plovdiv, Plovdiv, Bulgaria
10:30- 12:30	The role of innovation technologies for the production potential of agriculture
	Innovation Technologies. Production functions. Optimisation of the production process.