



COST Action 734 is organising a training course on ‘Climate Change and Impact to Agriculture’ for young experts in one of the related disciplines. The Meteorology and Water Management Department of University Pannonia on behalf of the Action invites applications for the Summer School to be held in

5 – 9 July 2010 in KESZTHELY, Hungary (EU).

The COST Training Summer School will cover issues concerning the evaluation, assessment and modelling of climate change and variability impacts to European agriculture. The Summer School will consist of lessons from leading scientists forecasting and modelling, modelling. The main themes climate variability, main change, agrometeorological models, estimation of hazard, sensing techniques, impacts and adaptation of agrometeorological models, the importance of field experiment and ground truth mainly in remote sensing application.



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The general schedule of Summer School

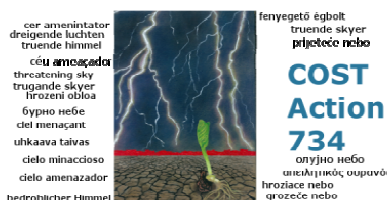
DAY	HOURS	TOPIC
Monday 5 July	9:30-12:30 14:00-17:00	Introduction to agricultural impacts and adaptation measures. Parameterisation of agrometeorological models
Tuesday 06 July	9:30-12:30 14:00-17:00	Challenges for the operational assimilation of satellite image data in agrometeorological models
Wednesday 07 July	9:30-12:30 14:00-17:00	Integrated crop growth and soil process modelling to analyse cropping systems and management under different climate conditions, including climate change.
Thursday 08 July	9:30-12:30 14:00-17:00	The impact of climate change on agriculture, with a focus on Europe: future projections and recent observations
Friday 09 July	9:30-12:30	Global warming and modelling its impacts in crop physiological processes

Application Procedure and Deadline

Applicants wishing to participate kindly asked to send a completed *Europass Curriculum Vitae* (in English, only relevant sections) to the Summer School Selection Committee at:

COST734summerschool@met.hu

The **deadline** for application submission is **30th April 2010** at 16.00 CET. Successful applicants will be announced by mid May 2010. Electronic copies of Europass CVs can be downloaded from: <http://europass.cedefop.europa.eu/>. There is **no registration fee**. The successful applicants come from COST countries can get grants for travel and accommodation. The amount of the subsidy depends on distance varying between 400 and 950 € per attendee for a duration of 5 days. The participants will receive their support according to the COST Training School Grant.





Selection Procedure

The Summer School invites applications from participants working in Europe. The number of participants to be selected for the Summer School is twenty (20). Only applications from candidates with qualifications relevant to the Summer School content will be evaluated. The Summer School Selection Committee will base its decision on candidate CVs.

The hosting town

The COST Action 734 Summer School will take place in the town of **Keszthely**, Hungary. It is 190 km far from the capital, Budapest. The town is situated on the shore of Lake **Balaton**, the second largest lake in Europe. The modern history of Keszthely dates back over 760 years, even though the area of the town has been continuously inhabited ever since the Roman Empire. The tranquil townscape and Lake Balaton can be adored up from the Keszthely Hills, or museums can be discovered, the theatre and the Festetics Mansion can be visited and a bath can be taken or in the Balaton lake in the summer or in very special thermal bath of Hevız lake whole year. The next international airports are: Vienna (*VIE*), Budapest (*BUD*), and Balaton (*SOB*) airport (Sármellék – *used by few budget airlines only in summer*).

Place of the venue

'D' building of University of Pannonia Georgikon Faculty, www.georgikon.hu



Festetics Mansion



D building

Recommended hotels and loggings

Dormitory of the Faculty http://www.1hungary.com/pethe_ferenc_egyetemi_kollegium/1040442/
(*low cost accommodation will be pre-booked for the students*)

Hotel Helikon http://www.danubiushotels.com/en/our_hotels/hungary/keszthely/hotel_helikon

Hotel Bacchus <http://bacchushotel.hu/?chlang=en&t=8316>

Hotel Abbázia <http://www.abbaziagroup.com/keszthely/index.php>

Hotel Kristály <http://www.kristalyhotel.hu/index.php?lang=en>

Melinda Villa <http://www.melindavilla.atw.hu/>

Place of interest

Lake Balaton <http://www.hungary-tourist-guide.com/lake-balaton.html>

Festetics Mansion <http://www.meszi.hu/helikonkastely/index.php>

Thermal Lake of Hevız http://www.heviz.hu/index_turista.php? (*8 km from Keszthely*)

Further information about the **COST Action 734** and **Summer School2**: <http://www.cost734.eu>

