



**UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE**

**Convention on Long-range Transboundary Air Pollution**

**Working Group on Effects**

**International Cooperative Programme on Effects  
of Air Pollution on Natural Vegetation and Crops**

An invitation to participate in the

**33<sup>rd</sup> Task Force Meeting of  
the UNECE ICP Vegetation**

**Riga, Latvia**

**Monday 27<sup>th</sup> - Thursday 30<sup>th</sup> January, 2020**

*Information about the meeting, travel details and a registration form are included in this document. The meeting will accommodate up to 100 participants, and places will be allocated on a first come, first served principle. The final programme will be distributed in January 2020.*



**Centre for  
Ecology & Hydrology**

NATURAL ENVIRONMENT RESEARCH COUNCIL



University of Latvia

## 33<sup>rd</sup> Task Force Meeting of the UNECE ICP Vegetation 27 – 30 January 2020

### Meeting venue

The 33<sup>rd</sup> Task Force Meeting (TFM) of the ICP Vegetation will be held at the University of Latvia, Academic Centre in the House of Nature (Jelgavas street 1): <https://www.akademiskaiscentrs.lu.lv/en/buildings/the-house-of-nature/>

### Accommodation, meals and costs

Bellevue Park Hotel Riga (Slokas street 1 - <https://hotelbellevue.lv>) has agreed a special deal for the meeting. **No rooms have been reserved in the hotel by the local organizers. Participants are responsible for their own room reservation!** To receive the special price, all the bookings should be made via Bellevue Park Hotel Riga Reservations (e-mail: [reservations@bellevue.lv](mailto:reservations@bellevue.lv), phone +371 67069053) using code: **ICP Vegetation**. When reserving a room, you can indicate if you would like to make use of shuttle service from and to the airport, provided by the hotel (cost of 20 Euros, further information can be provided by the hotel).

The hotel is located near the conference place (15 minutes walk or two stops with tram No. 1, 2, 5 or bus No. 54 to a stop at the National Library (in Latvian – Nacionālā bibliotēka) plus 5 minutes walk.

A package deal has been arranged and it includes refreshments during coffee breaks, lunches, welcome reception (Monday evening, January 27, 2020), conference dinner (Wednesday evening, January 29, 2020) and a visit to old Riga (Wednesday afternoon, January 29, 2020).

**The cost of this package is 100 Euros.**

This package does not include evening meals for any evening not specified above.

The Riga walking tour (Wednesday afternoon, January 29, 2020) will go through the old town.

Depending on interest, an **optional excursion** will be arranged (Thursday, January 30, 2020) to Bauska Castle – Rundale Palace tour (full day; max 8 hours). The cost for the excursion (travel, entrance to the Bauska Castle – Rundale Palace and lunch break) will be 50 Euros.

**Payment for the package deal (100 Euros) and/or excursion (50 Euros) is required by bank transfer in advance. The deadline for payment is 20<sup>th</sup> December 2019. Payment in cash or by card at registration on 27<sup>th</sup> or 28<sup>th</sup> January 2020 is not possible.**

**For bank transfer, in Euros**, please use the following information:

The Ministry of Education and Science Register of Educational Establishments

Reg. No.: LV 90000076669

Post code: LV-1586

Address: Raiņa bulvāris 19, Riga

Bank name: Republic of Latvia Treasury

IBAN number: LV33TREL9150101000000

BIC/SWIFT code: TREL LV22XXX

**Please indicate as payment description:**

Name of conference, Faculty of Biology and the name of the participant

(for example, payment for Harry Jones: 33<sup>rd</sup> ICP Vegetation Meeting, Faculty of Biology, Harry Jones).

If you need an invitation letter, please contact Guntis Tabors: [guntis.tabors@lu.lv](mailto:guntis.tabors@lu.lv)

**Other information** about Riga can be found at

[https://pasvaldiba.riga.lv/EN/Channels/About\\_Riga/default.htm](https://pasvaldiba.riga.lv/EN/Channels/About_Riga/default.htm)

**Visa**

If you are a citizen of a country that requires a visa to visit Latvia, please see

<https://pmlp.gov.lv/en/>

**Travel information**

Travel from Riga International airport (<http://www.riga-airport.com>) to Bellevue Park Hotel

Riga: use bus No. 22 (get off at stop - Daugavgrīvas iela). It takes about 25 minutes.

See map: <https://saraksti.rigassatiksme.lv/index.html#riga/map/page>

Travel from the hotel to Riga International airport: use bus No. 22 (the stop is near the hotel – stop name is Grīna bulvāris).

The price of a ticket bought in the bus from the driver is 2 Euros. But you can also buy a ticket (e-ticket; in Latvian language e-talons) for a certain number of trips that will be much cheaper: <https://www.rigassatiksme.lv/en/for-riga-guests/> Taxi costs about 20 Euros.

Ticket price (**Type of ticket**):

<https://www.rigassatiksme.lv/en/tickets-and-e-ticket/types-and-prices-of-tickets-1/ticket-for-a-certain-number-of-trips/>

Alternatively, Bellevue Park Hotel Riga provides a shuttle service from and to the airport (cost: 20 Euros).

**Registration**

Please return your registration form by **Friday 15<sup>th</sup> November 2019** Amanda Holder ([aholder@ceh.ac.uk](mailto:aholder@ceh.ac.uk)).

## Posters and presentations

There will be opportunities for participants to give an oral presentation or present a poster. Oral presentations will generally be 20 min (15 min presentation + 5 min discussion).

Poster size maximum A0 (poster stand size is 850 x 1900 mm).

Authors are requested to indicate their preferred presentation on the enclosed **REGISTRATION FORM**.

One-page **ABSTRACTS** will be published in a book of abstracts and a hard copy will be provided at the registration desk. The book of abstracts will be circulated to all participants before the meeting in pdf format and made available on the ICP Vegetation website (<http://icpvegetation.ceh.ac.uk>).

Authors should prepare their abstracts according to the enclosed instructions and e-mail them by **Friday 3<sup>rd</sup> January 2020 to Amanda Holder** ([aholder@ceh.ac.uk](mailto:aholder@ceh.ac.uk)).

If you need further details or have any queries, please do not hesitate to contact:

**Guntis Tabors** ([guntis.tabors@lu.lv](mailto:guntis.tabors@lu.lv)) (Local organiser)

or

**Harry Harmens** ([hh@ceh.ac.uk](mailto:hh@ceh.ac.uk)) (Chair ICP Vegetation)

**A provisional programme is provided below.**

## **Provisional Programme**

### **Monday 27<sup>th</sup> January, 2020**

- 17:00** Registration in University of Latvia, Academic Centre in the House of Nature and putting up posters
- 18:30** Welcome reception

### **Tuesday 28<sup>th</sup> January, 2020**

- 08:00** Late registration and putting up posters
- Session 1: 09:00 – 10:45** Plenary session
- 09:00** Welcome address
- 10:45 – 11:30** Coffee/tea and poster viewing (with authors at poster)
- Session 2: 11:30 – 13:00** Two parallel sessions: Ozone and Moss survey
- 13:00 – 14:00** Lunch
- Session 3: 14:00 – 15:30** Two parallel sessions: Ozone and Moss survey

15:30 – 16:00 Coffee/tea and poster viewing

**Session 4: 16:00 – 17:30** Two parallel sessions: Ozone and Moss survey

### Wednesday 29<sup>th</sup> January, 2020

**Session 5: 08:30 – 10:30** Two parallel sessions: Ozone and Moss survey

10:30 – 11:00 Coffee/tea and poster viewing

**Session 6: 11:00 – 13:00** Two parallel sessions: Ozone and Moss survey

13:00 – 14:00 Lunch and coffee

**Session 7: 14:00 – 16:00** Final plenary session

16:00 Walking tour Riga

19:30 Conference Dinner

### Thursday 30<sup>st</sup> January, 2020

**Excursion** to Bauska Castle – Rundale Palace tour.

**Note: The final programme will depend on presentations offered.**

#### **Parallel sessions:**

There will be several parallel sessions on 'Ozone' and 'Moss survey'. Depending on papers offered, the following topics are likely to be presented and discussed:

#### **Ozone (and nitrogen):**

- Application and new developments of flux-based methodology and critical levels of ozone for crops, forest trees and (semi-)natural vegetation;
- Updates required to Scientific Background Document B for Chapter 3 of the Modelling and Mapping Manual;
- Progress on improving and validating soil moisture index in the EMEP model;
- Monitoring and recording ozone damage on vegetation – EU National Emission Ceilings Directive (2016/2284/EU) and smart-phone App;
- Evidence of ozone impacts on crops in developing regions, mapping areas at risk;
- New evidence of nitrogen impacts on vegetation;
- Interactive impacts of ozone and nitrogen on vegetation.

#### **Moss survey:**

- Final report of the 2015/16 moss survey on heavy metals, nitrogen and POPs (at national and regional scale);
- Experience with and improvements of the data management system;
- New developments and applications of mosses as biomonitors of heavy metal, nitrogen and POPs pollution;
- Preparations for the 2020 moss survey.

#### **Both sessions:**

- Outreach activities in Eastern Europe, Caucasus and Central Asia (EECCA), Asia and other regions (e.g. Africa, South-America);
- Collaboration with other subsidiary bodies of the Convention, including other ICPs and EMEP Centres/Task Forces.