



Winter School

Greenhouse Horticulture

Wageningen University & Research is the “knowledge heart” of the Dutch Greenhouse Horticulture, which is the most advanced and productive in the world. Scientists of Wageningen University & Research will share their unique knowledge with international students and researchers during this “Winter School”.

Target group

This excellent and intensive Winter School is meant for PhD students, post-docs, junior scientists and professionals working in the field from all over the world. Besides high tech greenhouses, particular attention has been given to develop a programme that relates to and is interesting for protected cultivation with less technology than is usual in The Netherlands. So, basics will be learned to apply directly in your own country/ situation.

Results

After attending the Winter School, you will:

- know the most relevant processes in protected cultivation ranging from plant physiology to economics
- understand how technology affects climate management, crop production and resource use efficiency
- be able to apply this knowledge to quantitatively address decisions about climate management, crop cultivation and nutrition

Date **29 January –
9 February 2024**

Location **online**

Course leader **Dr Silke Hemming and
Prof. Leo Marcelis**

Outline and topics

The online Winter School offers you an attractive mix of live online Q&A sessions, pre-recorded Weblectures from international renowned experts, and supporting study materials. In the live sessions you can interact directly with the experts and fellow participants to explore how to apply new insights in your daily practice.



Programme

This course gives you an in-depth view on the following topics:

- Overview of Protected horticulture
- Passive greenhouse (light and functions of the cover)
- Climate management
- Basic principles of crop physiology
- Potential crop yield
- Crop management
- Plant nutrition and its management
- Water quality, growing systems and nutrient solutions
- Crop protection and integrated pest management

Practical information



€ 1,770.- per person and covers tuition, and access to the online learning platform (course materials, assignments e.g.)
€ 1,470.- for PhD



Max. 40 participants.



Based on your attendance you will receive a certificate after the programme is finished.

Registration

Enrollment is possible until 13 January, or if the maximum number of participants is reached. Register via wur.eu/academy.

[Register](#)

Wageningen Academy

We develop and organise courses for professionals, based on Wageningen University & Research expertise.

Contact

wur.eu/academy

E info.wageningenacademy@wur.nl

T +31 (0)317 - 48 40 93



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