

**Third Circular**  
**44th IAVS Symposium**

**29 July - 4 August 2001**  
**Freising-Weihenstephan, Germany**

**Vegetation and Ecosystem Functions**



Organization: Department of Ecology  
Technische Universität München (TUM)  
International Association of Vegetation  
Science (IAVS)



## General Information

Dear Colleagues,

We would like to thank you for confirming your registration for the 44<sup>th</sup> IAVS Symposium, 29 July – 4 August 2001, in Freising-Weihenstephan. After more than 20 years we have the honor to welcome you again to an IAVS symposium in Germany.

Enclosed you can find information about arrival, location of the Symposium venue, the scientific program and excursions. We have added an update of your registration status with information on your accomodation and the payments we have received from you. Information on the acceptance of your presentation as lecture or poster was sent to you with the invitation letter in March.

The symposium will be held in Freising-Weihenstephan at the campus of the Center of Life Sciences, Technische Universität München. Lecture sessions and poster sessions will be held in the Central Lecture Building of the university ("Zentrales Hörsaalgebäude").

In the entrance hall of this building you will find the **registration desk**. It will be open on Sunday, 29 July, from 9.00 – 20.00, as well as during symposium hours. The abstract volume, the detailed program and other information will be handed out at the registration desk. For those of you staying in "Kardinal Döpfner Haus" (see your registration status), please be aware that the total hotel costs (minus the deposit) must be paid in cash at the registration desk. For all other hotels you will get back your deposit at the registration desk.

The lunches will be offered at the "Mensa" close to the Central Lecture Building. If you have not yet bought vouchers for the lunches (12.50 DEM each) you can still do this at the registration desk. A list of restaurants will be available at the registration desk.

**We are looking forward to welcoming you to Freising!**

### The Organizing Committee

Symposium president:	Wolfgang Haber
Scientific coordinators:	Jörg Pfadenhauer, Anton Fischer
Secretaries:	Matthias Drösler, Kathrin Kiehl
Treasurer:	Clemens Abs
Administrators:	Franziska Mayer, Sabine Heinz, Christine Rauber
Technical coordinators:	Jan Sliva, Ingrid Kapps, Wolfgang Petrik
Web administrator:	Maren Belde
Excursions:	Anton Fischer, Jörg Pfadenhauer, Brigitta Erschbamer, Harald Albrecht

## **Arrival**

Freising is located 35 km north of the city of Munich. Freising can easily be reached by train via Munich or Regensburg. Coming by car you should leave the highway A 9 (München-Nürnberg) at "Allershausen" or the highway A 92 (München-Deggendorf) at Freising-Süd or Freising-Mitte.

A bus service (line 635: <http://www.weihenstephan.de/iavs/635.pdf>) running at frequent intervals connects Freising with Munich International Airport (15 km). It takes you about 20 min to reach Freising train station. Only those staying in hotel Maisberger in Neufahrn should avoid taking the bus and instead use the local train S1 from the airport to Neufahrn (direction Munich). Neufahrn is the second stop. From Neufahrn you can use the train S1 (direction Freising) to go to Freising train station in order to reach the Symposium venue. For timetables of trains and busses see:

<http://www.weihenstephan.de/iavs/furinf.html#travel>

## **City map of Freising**

On the city map (<http://www.weihenstephan.de/iavs/plan.jpg>) you will find the location of the venue, the hotels and the principal bus lines to use for getting to the campus. On Saturday and Sunday public bus service is available in Freising, however at lower frequency than during the week. The bus line 638 (<http://www.weihenstephan.de/iavs/638.pdf>) connects the central station, city center and Weihenstephan (campus), where you should get off to reach the registration desk. Have a look at the city map for orientation.

## **Scientific program: Vegetation and Ecosystem Functions**

Lectures and Posters are arranged in 15 sessions grouped under 7 main themes. After we received the abstracts for the Symposium contributions, we rearranged the sessions slightly. Sessions 4.3 and 6.2 had to be cancelled because of too few contributions. The closing session on Friday will include two concluding plenary lectures and a general discussion. Details of the program will be available at the conference and in July on our homepage:

<http://www.weihenstephan.de/iavs/>

## **Main themes and sessions**

1. *Vegetation and Ecosystem Functions - Concepts and Ecological Theory*
  - 1.1 Concepts and ecological theory
  
2. *Vegetation and the Habitat Function of Ecosystems*
  - 2.1 Plant populations and habitat quality
  - 2.2 Conservation and management of plant communities
  - 2.3 Restoration of degraded ecosystems
  - 2.4 Vegetation as a habitat for animal species
  - 2.5 Consequences of species invasions
  
3. *Regulation Function - Vegetation Effects on Ecosystem Processes*
  - 3.1 Plant diversity - a regulating factor in ecosystems?
  - 3.2 Vegetation effects on nutrient and water dynamics  
(integration of former 3.2, 3.4 and 3.5)
  - 3.3 The role of vegetation in carbon cycling - from local to global scale
  
4. *Production Function - Plant Productivity and Trophic Interactions*
  - 4.1 Plant-animal interactions
  - 4.2 Plant-plant interactions
  
5. *Information Function - Vegetation as an Indicator for Environmental Change*
  - 5.1 Vegetation as an indicator for human impact
  - 5.2 Long-term performance of ecosystems - predictions based on vegetation history
  
6. *Carrier Function - Vegetation Services for Human Society*
  - 6.1 Vegetation in environmental planning
  
7. *Other themes*
  - 7.1 Vegetation analysis and description

Workshop (W): „Vegetation classification and phytogeography of circumboreal coniferous forests“

## **Lectures and Posters**

Plenary lectures will be presented by invited speakers.

Speakers for the parallel sessions were selected on the basis of the scientific quality, information content and clarity of the submitted abstracts, in relation to the overall theme of the symposium.

### Time for **lectures**:

- Plenary sessions: 30 min. presentation + 5 min. discussion
- Parallel sessions: 15 min. presentation + 5 min. discussion

All speakers must keep strictly to the time schedule and should not use the discussion time for completing their presentations. The lecture rooms will be equipped with overhead projectors, computer projectors (beamers), and slide projectors for 50 x 50 mm frame slides. Speakers requiring film projectors, video equipment (VHS), or double slide projection must indicate this by 30 June to the organizing committee. If you will use a computer projector (beamer), please be aware that we run the beamers with „Power Point“-software. Please bring your presentation as CD in Power Point format. Bring your CD to the registration desk latest on the day before your presentation. Furthermore we recommend you bring your presentation in form of transparencies as well.

Only one presentation can be made as first author. Co-authorship is unlimited. For poster presentations at least one of the authors has to participate in the Symposium.

### **Posters** should be prepared as follows:

- Maximum height: 120 cm, maximum width: 80 cm (not more!).
- The title should be indicated at the top with letters more than 4 cm high.
- Under the title the full name(s) of the author(s) should be given. A photograph of the presenting author(s) should be attached next to the title.
- Poster text should be reduced to a minimum. Instead, diagrams, maps, photographs, drawings, graphics and tables (not too large) should be used as far as possible. No abstract should be added to the poster since all abstracts will be included in the abstract volume.

During poster sessions guided tours are planned. Authors should be present during their poster session (for the time schedule see program).

### **Publications**

It is planned to publish a selection/number of refereed papers as Special Features in international journals. Details on submission of papers will be communicated during the Symposium.

### **Language**

The Symposium language will be English.

## Program overview

### Sunday 29 July

- 9:00 - 20:00 Registration in the Central Lecture Building („Zentrales Hörsaalgebäude,„) at the campus of the University in Weihenstephan
- 10:00 - 16:00 Visits to the Dep. of Ecology: short introduction at 10:00, 13:00, 16:00

### Monday 30 July

- 8:00 Registration
- 8:30 - 9:05 Opening Addresses by Representatives of the University, by the President of the IAVS, the Symposium-President and the Scientific Coordinators
- 9:05 - 9:40 Keynote Lecture main theme 1: Eddy van der Maarel
- 9:50 - 10:30 Parallel Lectures 2.2, 2.3, 3.2, 4.1
- 10:30 - 11:00 Coffee Break
- 11:00 - 12:20 Parallel Lectures 2.2, 2.3, 3.2, 4.1
- 12:20 - 13:40 Lunch
- 13:40 - 14:15 Keynote Lecture main theme 3: Rebecca Sharitz
- 14:15 - 14:50 Keynote Lecture main theme 4: Jan Bakker
- 15:00 - 15:40 Parallel Lectures 1.1, 2.2, 3.2, 4.1
- 15:40 - 16:00 Coffee Break
- 16:00 - 17:00 Poster session 1.1, 2.2, 2.3, 3.2, 4.1
- 17:00 - 18:00 Parallel Lectures 1.1, 2.2, 3.2, 4.1
- 18:10 Advisory Council, Meeting I
- 20:00 Get-together reception at Asamsaal in the centre of Freising  
Welcoming Addresses by the Mayor of Freising and the Organizing Committee

### Tuesday 31 July

- 8:00 Registration
- 8:30 - 9:05 Keynote lecture main theme 5: Vladimir Klimanov
- 9:05 - 9:40 Keynote lecture main theme 1: Valerio Pillar
- 9:50 - 10:30 Parallel Lectures 2.2, 2.3, 3.1, 5.1, 5.2
- 10:30 - 11:00 Coffee Break
- 11:00 - 12:20 Parallel Lectures 2.2, 2.3, 3.1, 5.1, 5.2
- 12:20 - 13:40 Lunch
- 13:40 - 14:15 Keynote Lecture main theme 4: Deborah Goldberg
- 14:15 - 14:50 Keynote Lecture main theme 2: Bernhard Schmidt
- 15:00 - 15:40 Parallel Lectures 2.1, 3.1, 4.2, 5.1, W
- 15:40 - 16:00 Coffee Break
- 16:00 - 17:00 Poster Session 2.1, 3.1, 4.2, 5.1, 5.2
- 17:00 - 18:00 Parallel Lectures 2.1, 3.1, 4.2, 5.1, W
- 18:30 - Advisory Council, Meeting II
- Afternoon: Meeting of the editorial board of JVS and AVS (contact: B. Wilson)

## **Wednesday 1 August**

Mid-symposium excursions (whole day):

**Note: All excursions start from Freising railway station!**

7:30 Departure of excursion (A)  
8:00 Departure of all other excursions (B-K)

The excursions will be back at Freising in the evening.

## **Thursday 2 August**

8:00 - Registration  
8:30 - 9:05 Keynote Lecture main theme 6: Kazue Fujiwara  
9:05 - 9:40 Keynote Lecture main theme 3: John Grace  
9:50 - 10:30 Parallel Lectures 2.1, 3.3, 5.1, 6.1 , 7.1  
10:30 - 11:00 Coffee Break  
11:00 - 12:20 Parallel Lectures 2.1, 3.3, 5.1, 6.1 , 7.1  
12:20 - 13:40 Lunch  
13:40 - 14:15 Keynote Lecture main theme 1: Mike Austin  
14:25 - 15:25 Parallel Lectures 2.1, 2.5, 3.3, 6.1 , 7.1  
15:25 - 15:45 Coffee Break  
15:45 - 16:45 Poster Session 2.4, 2.5, 3.3, 6.1, 7.1  
16:45 - 18:00 General Assembly  
19:30 - Symposium Dinner at the Campus with traditional bavarian music and dancing

## **Friday 3 August**

8:00 - Registration  
8:30 - 9:05 Keynote Lecture main theme 2: George Bredenkamp  
9:15 - 10:35 Parallel Lectures 2.4, 2.5, 3.3, 4.2, 7.1  
10:35 - 11:00 Coffee Break  
11:00 - 12:20 Parallel Lectures 2.4, 2.5, 4.2, 5.2, 7.1  
12:20 - 13:40 Lunch  
13:40 - 14:15 Concluding Lecture 1: Elgene Box  
14:15 - 14:50 Concluding Lecture 2: N.N.  
15:00 - 16:30 Closing Session

## **Saturday 4 August**

Departure of the delegates

8:00 Departure for the Post-Symposium excursion

## Chairpersons

Session 1.1	Valerio Pillar, Kurt Jax
Session 2.1	Bernhard Schmid, Clemens Abs
Session 2.2	Eddy van der Maarel, Wolfgang Haber
Session 2.3	Rob Marrs, Jan Sliva
Session 2.4	George Bredenkamp, Wolfgang Zehlius
Session 2.5	Dieter Mueller-Dombois, Hans-Jürgen Böhmer
Session 3.1	Carl Beierkuhnlein, Philipp Mayer
Session 3.2	Rebecca Sharitz, John Tenhunen
Session 3.3	John Grace, Matthias Drösler
Session 4.1	Jan Bakker, Jörg Pfadenhauer
Session 4.2	Deborah Goldberg, Elisabeth Huber-Sannwald
Session 5.1	Johannes Kollmann, Anton Fischer
Session 5.2	Vladimir Klimanov, Richard Pott
Session 6.1	Kazue Fujiwara, Annette Otte
Session 7.1	Joop Schaminée, Angelika Schwabe-Kratochwil
Workshop	Toby Spribille, Milan Chytry

## Excursions

The **Pre-Symposium Excursion** (transect NE-SE Germany) will start on 22 July in Dresden. Optionally you may join the excursion-bus from Freising to Dresden. The excursion ends 29 July in Freising. A detailed program was send already to the participants. Contact: A. Fischer via the 44thIAVS secretariat.

The **Post-Symposium Excursion** (transect through the alps) will start at 4 August from Freising and will stop 15 August in Verona, Italy. Optionally you may join the bus back to Freising. A detailed program will be sent to the participants in the beginning of July. Contact H. Albrecht via the 44thIAVS secretariat.

**Note: A few places are still available in the Pre- and Post-excursion. Please contact the organizers immediately if you would still like to join one or both of the excursions!**

The **Mid-Symposium Excursions** will be arranged on Wednesday, 1 August. As all excursions are planned for the whole day, you will receive a lunch package. Participation in the excursions is included in the registration fees. Departure is from the central railway station at 8.00 a.m. Only excursion (A) (Bavarian Forest) will start at 7.30. Hiking boots, sun protection, insect repellent and rainwear are recommended for all excursions. For excursions (G) and (H) rubber boots may be useful.

**Those of you who still did not choose your Mid-Excursion** (marked with „?“ in the confirmation letter) **please inform us about your choice immediately** (best by e-mail).

**Note: No places are available anymore in Excursions A, B and C.**

## **Mid-Symposium Excursions (1 August 2001):**

(A) Anton Fischer

Close-to-nature montane forests in the Bavarian Forest National Park, free vegetation dynamics following windthrow and large scale bark-beetle attack, respectively. This excursion includes sites which will be visited during the pre-symposium excursion too.

(B) Jörg Pfadenhauer, Heike Beismann

Landscape and vegetation of the subalpine and alpine zone of the northern outer Alps (Brauneck, Lenggries ). Good physical condition is required for this mountain hike with steep ascents and descents. The excursion includes sites which will also be visited during the post-symposium excursion.

(C) Clemens Abs, Philipp Mayer, Sibylle Hofmann

Species rich dry grassland and deciduous forests on calcareous soils in the Altmühl valley, historic monastery Weltenburg at the Danube river.

(D) Annette Otte, Norbert Hölzel

Vegetation of alpine river floodplains and their dynamics - upper Isar valley, Ascholdinger Au , Friedergries.

(E) Norbert Müller

Dry grasslands in the lower Lech valley, urban vegetation and urban nature conservation in Augsburg (historic city).

(F) Bärbel Kühn, Beate Mannschreck

Terrestrial and aquatic vegetation and landscape of the alpine forelands around the "Osterseen" lakes south of Munich (including boat trip).

(G) and (K) have been joined: Harald Albrecht, Sabine Heinz, Franziska Mayer

- Restoration of degraded fens in the "Donaumoos" near Ingolstadt: vegetation development after rewetting and hay transfer; constructed wetlands with *Typha* spp. as alternative crops

-Vegetation of arable landscapes and strategies for a sustainable land use in Southern Bavaria (Scheyern).

(H) Jan Sliva

Conservation and restoration of raised bogs in the landscape of the alpine forelands of the Chiemsee region.

(I) Peter Schönfelder

Species-rich dry grasslands and temperate mixed forests in the valleys of the rivers Laaber and Naab near Regensburg .

(J) Annuschka Thormann, Klaus Wiesinger

Grasslands and pine forests on calcareous soils north of Munich. Restoration and management of species-rich grasslands in the vicinity of the nature reserve "Garching Heide".

## **Further Information**

### **Clothing**

The end of July and beginning of August are usually mild in Freising, with daytime temperatures up to 28 °C. Short showers and rainstorms may occur from time to time, however. It may therefore be necessary to carry rain protection, especially for the excursions. During longer rain periods – which are not usual but may occur – it may be colder with daytime temperatures between 15 and 20 °C. Warm clothes are recommended for excursions to the Alps (mid-symposium excursion (B) and post-symposium excursion).

### **Program for accompanying persons**

The fee for accompanying persons covers the „get together reception“ (Monday 30 July), participation in the Mid-Symposium Excursion and the „Symposium Dinner“ (Thursday 2 August). A special touristic program for accompanying persons can be booked additionally for 100 DM per person. It will include sight-seeing tours to historic churches and buildings in Freising and Munich and visits of famous gardens, parks and museums. If you would still like to join this program, you can buy vouchers for 100 DEM per person, at the registration desk. But please inform us in advance (best until 20 June) if you would like to participate.

### **Refunding**

As announced in the second circular, delegates who are not able to attend the symposium were asked to cancel their participation in a written form. If you cancel your participation until 20 June 2001 you will get back your payments minus an administrative fee of 100 DEM. After this date, no refunding of fees will be possible. Refunds will be processed after the symposium.

### **Registration status**

At the last page you find a summary of your registration status.