



# Bulletin

## International Association for Landscape Ecology

### WELCOME ADDRESS OF THE NEW IALE PRESIDENT

#### FELIX KIENAST, SWITZERLAND

(largely after the Presidential address given at the 8<sup>th</sup> IALE World Conference in Beijing, China, August 2011)

Dear members of IALE: I am greatly honored to be the next President of IALE International and thank you asking me to serve as your next President. We have seen IALE transform from a “classic” society with a unique world-wide theme - „Landscape Ecology“ - into a multi-faceted professional society that promotes new and challenging spatially related concepts. Imagine what the world would look like without IALE? I’m absolutely sure that many students, professionals and politicians would have an incomplete picture of landscapes and landscape ecology and we would have fewer professionals in the field. I strongly



believe that IALE does make a difference! Our members devote their careers to generating more awareness for nature and for more sustainable city planning. Thanks to IALE we see greater awareness for cultural landscapes throughout the world. Our society furthers awareness of indigenous knowledge and disseminates scientific knowledge through books and our own ISI Journal, *Landscape Ecology*. We are proud to see that IALE provided and is still providing intellectual backgrounds for important emerging fields such as Landscape Genetics, Urban ecology, and place-related studies. I am confident that together with the newly elected EC we will achieve important new tasks in the next four years.

Thanks to our regional structure, our society is one of the few that is able to bridge the gap between regions, continents and the entire world. Given the increasing number of IALE chapters all over the world I would like to increase the number of Vice presidents to allow the regions to further articulate their needs in the Executive committee.

What are the challenges that you as members and we as Executive committee face in the coming years? First we have to gain new members and reverse the slightly decreasing trend of membership in the last years. Each member can help by actively inviting scientific collaborators, doctoral students or master students to join the society. Second, the regional chapters should have more mutual scientific exchange through common projects or by inviting both experienced and young professionals to their conferences. This mutual exchange will be encouraged in the future and IALE International seeks to grant matching funds for this knowledge exchange (see page 7). Third, we should increasingly use modern communication tools. I’m sure that our new Webmaster, Benjamin Burkhard, will push IALE in the right direction. Fourth, IALE professionals should apply their great expertise in emerging fields such as sustainable energy production or ecosystem or landscape services. And young professionals should be carefully guided through their career.

We have learned from the pioneers in landscape ecology to concentrate on space, patterns and processes. In 2007, in Wageningen, and again in 2011, in China, we heard convincing keynotes of Joan Nassauer, a US landscape architect, to include design in our landscape studies. Today I go one step further by encouraging

*...continued from page 1 (Welcome address from the new IALE president)*

our society to increasingly consider how people can shape their environment in order to create sustainable places they feel attached to. Consequently we should use our landscape ecology knowledge to generate best practice tools that enable people to shape their environment in a participatory way.

I conclude by encouraging you to support IALE, to spread the word to those that are not yet members, and to be part of a society which helps improve the places of people through sound scientific knowledge!

### **THE 8<sup>TH</sup> IALE WORLD CONGRESS: LANDSCAPE ECOLOGY FOR SUSTAINABLE ENVIRONMENT AND CULTURE WAS HELD IN BEIJING, CHINA, AUGUST 18-23, 2011**

The 8th IALE world congress was held at the China National Convention Center (CNCC) in Beijing during August 18-23, 2011. The theme of the congress was Landscape Ecology for Sustainable Environment and Culture. About 850 persons participated this Congress. Three days were scheduled for presentations and poster sessions and one day for mid-congress excursions. Distinguished scholars of each research field were invited to discuss the links between landscape systems and the environment, human well-being, cultural ecosystem services and other fields relevant for sustainable solutions of land management, to discuss key issues and future directions of landscape ecology. On behalf of the congress organizers, I would like to show my appreciations to all the participants worldwide, sharing their expertise on the frontiers of the science of landscape ecology, promoting communication and understanding between different cultures. The World Congress was organized by the IALE-China Chapter, the Ecological Society of China, the Research Center for Eco-Environmental Sciences at the Chinese Academy of Sciences and Peking University. It has been supported with financial resources of the International Association for Landscape Ecology, the Chinese Academy of Sciences (CAS), the National Natural Science Foundation of China (NSFC), the State Key Laboratory of Urban and Regional Ecology, WWF China, the Chinese Ecosystem Research Network (CERN), and the Chinese Ecological Restoration Network (ER-China). My sincerest gratitude goes

to the above agencies and associations which have always provided wonderful support for the Congress.

After its onset in the 1930's by C. Troll, landscape Ecology emerged rapidly in the 1980s, but imbalanced across the world. The research developed rapidly among developed countries in Europe and North America. This congress is a chance to pay attention to the development of Landscape Ecology in developing countries. Nearly 60% of the participants came from developing countries, mainly Asia, Africa and South America. To encourage the development of landscape ecology in these regions, financial supports were provided for 35 young scientists and students from 25 developing countries. I am also happy to see many young participants at the congress. According to our records, 35 percent of the participants were student members. Thus, the congress has provided a platform for learning and communication. As the future of landscape ecology depends on the young, I have reason to be confident to the development of landscape ecology in the next periods.

**by Bojie Fu, Chairman of IALE-China Chapter, Co-Chair of the 8th IALE Congress**



Opening ceremony 8<sup>th</sup> IALE World Congress  
(Photo: local organizers)

### **REPORT FROM THE 8<sup>TH</sup> IALE WORLD CONGRESS**

More than 850 participants from 48 countries/regions attended the 8th IALE World Congress in Beijing, about half were from mainland China. This was the first time that the IALE World Congress was held in

...continued from page 2 (Report form the 8th IALE World Congress)

an emerging economy country and in the heart of Asia. Twenty-five students and ten young scientists from 25 countries received the financial awards sponsored by IALE and the Chinese Academy of Sciences, to participate in the congress. Seven plenary presentations were given with the focus on Landscape ecological principles, Landscape services and planning, Urban landscape ecology, Ecological design, Sustainable landscapes, and Bio-cultural diversity, respectively. More than 520 oral presentations in 35 symposia and 9 open sessions were presented, in combination with 140 posters sorted into 10 themes. Publication of full papers as special issues in related journals has been planned by some of the symposia.

Urban ecology, Landscape design / planning, Climate change, Ecosystem assessments, Biodiversity, Pattern and Process were the hot topics of the congress, with studies on cities, agricultural land, forest and water related areas mainly. Coastal zones and marine landscapes are still less concerned, compared to their importance on the Earth. Patterns and structures were also more intensively studied than processes and functions of the landscapes. Spatial modeling is the most frequently used method in contemporary landscape ecological research.

Seven mid-congress excursion routes were designed for the participants to experience the Chinese cultural landscapes in the urban and rural area, as well as practices in landscape design and planning. Many participants were deeply impressed by the Greatwall, the Fengshui concept, the forbidden city, the ecofarms, the forest, and wetland restoration projects.



Field excursion

(Photo: local organizers)

The World Congress was organized by the IALE-China Chapter, the Ecological Society of China, Research Center for Eco-Environmental Sciences at the Chinese Academy of Sciences and Peking University, and supported by the Chinese Academy of Sciences, National Natural Science Foundation of China, State Key Laboratory of Urban and Regional Ecology, WWF China, Chinese Ecosystem Research Network, and Chinese Ecological Restoration Network. The congress was successfully held with strong supports from local organizers, the scientific committee and volunteers. It will become a milestone in the history of the IALE World Congress and development of Landscape Ecology.



Pre-conference training course

(Photo: local organizers)

Before the world congress, the students training courses were held in Peking University in Beijing and East China Normal University in Shanghai. More than 80 graduate students and young scientists joined the training courses. 18 researchers arrived before the conference, advocating time and commitment to build up capacity among the young IALE community.

by **Xiuzhen Li**, Chairman of the IALE Council,  
Local Organizing Committee



## SOME FEEDBACKS FROM THE 8<sup>TH</sup> IALE WORLD CONGRESS PARTICIPANTS

Victor Ávila Åkerberg, Sweden (Sept. 2, 2011):  
*"Thank you very much for all during IALE-2011 in Beijing. It has been a great conference and it exceeded my expectations. Good organization, great academic presentations and I could meet people I already knew and get to know new colleagues."*

Christine Haaland, Sweden (Aug.30, 2011):  
*"Thank you very much for a fantastic conference, where everything was so well organised including the time before arrival! We had a wonderful stay in Beijing. It was a pleasure to be there."*

Inocencio E Buot, Philippines (Aug.29, 2011):  
*"Thank you very much. The organizers did a very good job. I learned many things. I hope I can get back to China to study cultural landscapes and sacred groves so we can compare the structure and dynamics with our cultural landscapes and sacred groves in the Philippines like the Rice Terraces in the northern part of our country."*

Claus Dalchow, Germany (Aug.29, 2011)  
*"Thanks for the file (of participants email address), and for the wonderful congress!"*

Dmitry Kavtaradze, Russia (Aug.29,2011)  
*"Dear colleagues and Congress co-organizers, thank you so much for excellent and fruitful Contacts."*

Hadi Susilo Arifin, Indonesia(Aug.29,2011)  
*"I am so grateful to have a chance to attending IALE 2011. Some activities have been uploaded to my Blog (<http://hsarifin.staff.ipb.ac.id/2011/08/23/travelling-in-beijing-china/>). Kindly visit my blog, please."*

Olaf Bastian, Germany (Aug. 29, 2011):  
*"After returning home, I thank you very much for the very good conference."*

German Andrade, Columbia (Aug. 29, 2011):  
*"Thank you very much for your support. Although my presence was limited, was very fruitful."*

Rob Jongman, The Netherlands (Aug. 30, 2011):  
*"You did a perfect job in organizing the congress."*

Sun-Kee Hong, Republic of Korea (Aug. 25, 2011):  
*"I would like to thank you all members and committees on your great contribution of IALE2011. I think it is very successful and fruitful on the history of IALE congress. I enjoyed very much for IALE congress and Chinese foods."*

Alexandre Marco da Silva (one of our session chair), Brazil (Aug. 26, 2011):  
*"The session was successfully developed (only one paper (cancelled) was not presented)... Honestly, it was a pleasure staying in China and participating of this prestigious event. Congratulations!!!"*

Niels Brouwers, Australia (Aug.26, 2011)  
*"I would first like to thank you for the hospitality I received during the IALE 2011 WC in Beijing last week. Thank you again for providing me with the financial support as well. I hope you enjoyed the conference as much as I did!"*

Guy Lemperiere, France (Aug. 25, 2011):  
*"I have not had the opportunity to meet with you at the Congress, but I warmly thank you for your assistance: you have done a wonderful job."*

collected by **Xiuzhen Li**

## IALE AWARDS 2011

The following IALE awards were granted at the 8<sup>th</sup> IALE World congress in Beijing, China:

### Distinguished service award:

Dr. Bob Bunce	Bob.Bunce@wur.nl
Prof. Dr. Bojie Fu	bjfu@cashq.ac.cn
Dr. Robert V. O'Neill	

### Outstanding scientific achievements:

Prof. Paul Opdam	Paul.Opdam@wur.nl
Prof. Peter Verburg	P eter.Verburg@ivm.vu.nl
Prof. Jianguo (Jingle) Wu	Jingle.Wu@asu.edu

Congratulations to all awardees!

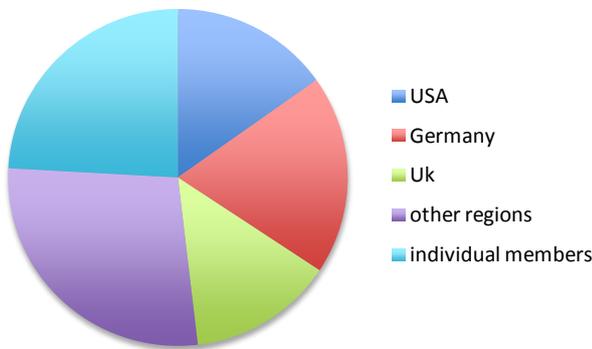
**YOUR (IALE) MONEY AT WORK**

When you as an individual member or your region submit the fees to IALE International, everyone is keen to know how the money is spent? Of course each year the treasurer’s report is published in the Bulletin of IALE International as stated by the Statutes. But who wants to read long tables? Thus we give

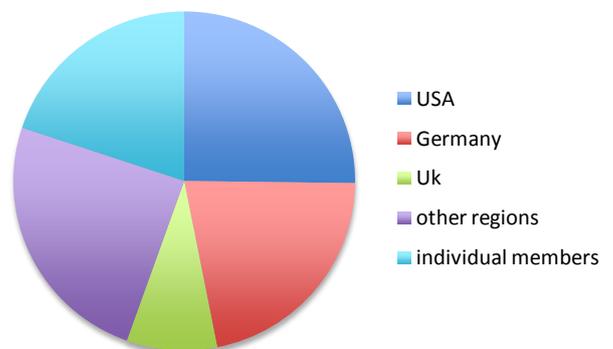
you here a short summary of your money at work. The pie charts show clearly who the major contributors of IALE International are: US-IALE, IALE Germany and in 2009 also IALE-UK– thank you very much.

Let’s start with the income:

**Total in year 2009: 21190 Euro**

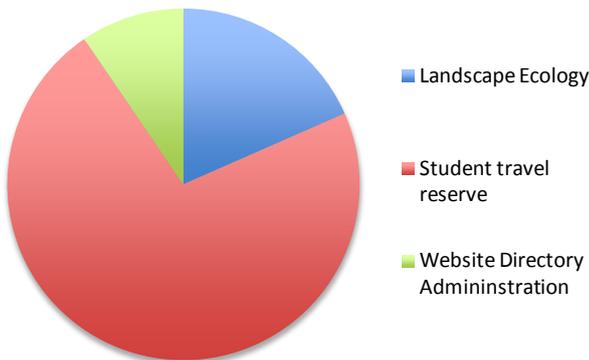


**Total in year 2010: 22001 Euro**

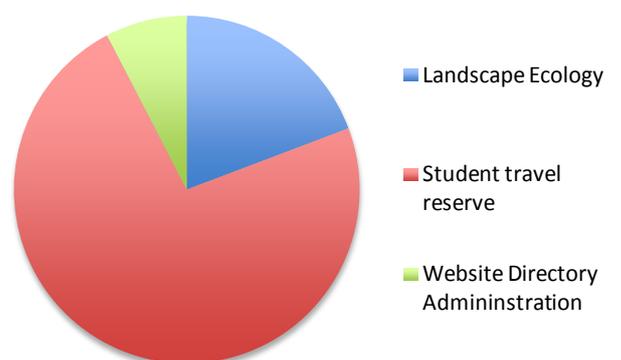


And here are the expenses:

**Total out year 2009: 21190 Euro**



**Total out year 2010: 22001 Euro**



As we are eager to spread the word of Landscape Ecology, IALE funding is (will be) used to:

- support new regions, e.g. IALE Argentina
- support student travel to IALE Conferences, e.g. 24 students to the 2011 IALE World Congress in Beijing 2011

- provide loans for regional IALE conferences, e.g. IALE Salzburg 2009, Brazil 2009 or planned IALE conferences (Africa 2012)

About 22% of the yearly income is spent for the Society’s Journal Landscape Ecology. These are the subscription fees for members that subscri-

...continued from page 5 (your money at work)

be to the journal via IALE-membership. 10% of the region fees were reimbursed to the regions. The IALE EC made extensive use of Skype to conduct its business and all IALE EC travel was paid by sources other than IALE. The EC is very proud to have spent 0 Euros from your fees for EC travel.

In conclusion we are happy to report that ca. 90% of your fees are returned to the regions and IALE members and it is our intent to keep it this way in the future.

by Felix Kienast, IALE President, and Ralf-Uwe Syrbe, IALE Treasurer



Student travel awards at the 8th IALE World Congress (Photo: local organizers)

## IALE FINANCIAL REPORT FOR 2010

IALE looks back to a successful financial year 2010. Income added up to € 22,000, which represents mainly membership fees. Nearly two thirds of our fee income is from the regional chapters, but also the individual fee income increased thanks to the well-working website payment system. Our data policy was tested and certified by an attestation of compliance with the Payment Card Industry Data Security Standard (PCI DSS).

Shipping orders for some remaining IALE publications amounted to € 158. The loan to the Brazilian IALE conference in 2009 was refunded thanks to an effective congress management by our Brazilian colleagues.

### Item

#### Income

Individual fee	6,055.13
Chapter fee	13,788.26
Publications	157.93
Congress support refund	2,000.00

#### Expenses

IALE Directory	-1,007.94
Subscriptions to Landscape Ecology	-4,180.30
Administration, banking (-interests)	-343.78
Executive Committee	0.00
Bulletin	0.00
IALE Websites	-610.94

#### Balance

	<b>15,858.36</b>
Provision for student travel support	15,858.36

The IALE Bulletin is distributed several times a year to the members of IALE. IALE - the International Association for Landscape Ecology was founded in 1982 to promote communication between scientists, planners and interdisciplinary scientific research. IALE Executive Committee:

**President:** Felix Kienast 2011-2015, Swiss Federal Institute of Forest, Snow and Landscape Research, CH-8903 Birmensdorf, Switzerland, [felix.kienast@wsl.ch](mailto:felix.kienast@wsl.ch); **Secretary General:** Thomas C. Edwards 2011-2015, 5230 Old Main Hill, Logan, UT 84322-5230, USA, [t.edwards@nr.usu.edu](mailto:t.edwards@nr.usu.edu); **Treasurer:** Ralf-Uwe Syrbe 2011-2015, Tornaer Str. 72, 01239 Dresden, Germany, [syrbe@iale.de](mailto:syrbe@iale.de); **Past President:** K. Bruce Jones 2007-2011, Desert Research Institute, 755 E. Flamingo Road, Las Vegas, Nevada, USA, [crocodylus@aol.com](mailto:crocodylus@aol.com); **Vice Presidents and their role in the Executive Committee:** Bojie Fu 2009-2013 (Eastern Asia), Chinese Academy of Sciences, 52, Sanlihe Road, Beijing, 100864, P.R. China, [bjfu@cashq.ac.cn](mailto:bjfu@cashq.ac.cn); Sandra Luque 2005-2013 (IALE Educational Network), Cemagref – Institute for Agricultural and Environmental Engineering Research, 2 Rue de la Papeterie, St. Martin d'Hères, BP 76 Cedex, 38402, France, [Sandra.luque@cemagref.fr](mailto:Sandra.luque@cemagref.fr); Giovanni Zurlini 2011-2015 (Europe), Salento University, via Predappio-Rapolla 4, 73100 Lecce, Italy, [giovanni.zurlini@unisalento.it](mailto:giovanni.zurlini@unisalento.it); Jean-Paul Metzger 2011-2015 (South and Central America), Universidade de São Paulo, Rua do Matão, travessa 14, Cidade Universitária, 05508-900 São Paulo, Brazil, [jpm@ib.usp.br](mailto:jpm@ib.usp.br); **Bulletin Editor and Deputy Secretary General:** Benjamin Burkhard 2011-2015, Christian-Albrechts-Universität Kiel, Olshausenstr. 40, 24098 Kiel, Germany, [bburkhard@ecology.uni-kiel.de](mailto:bburkhard@ecology.uni-kiel.de); **Chairman of Council:** Xiuzhen Li 2011-2015, East China Normal University, Shanghai 200062, China, [lixz@iae.ac.cn](mailto:lixz@iae.ac.cn); **Publicity Officer:** Emilio Padoa-Schioppa, University di Milano-Bicocca, p.za Della Scienza 1, 20126 Milano, Italy; [emilio.padoaschioppa@unimib.it](mailto:emilio.padoaschioppa@unimib.it).

IALE International on the Internet: IALE International: [www.landscape-ecology.org](http://www.landscape-ecology.org)

...continued from page 6 (financial report 2010)

Spending amounts to a total of just € 6,143. This is low and reflects the rigid spending restraints of the IALE EC for its own business, e.g. Skype calls to conduct society business meetings or Bulletin editing covered by other sources. We were also able to reimburse IALE chapters that paid their dues on time. This incentive lowers their net cost for IALE International. The IALE EC decided to use the surplus of € 15,858 to support

student travel to the 2011 IALE World Congress. An audit of the IALE books was performed by Danilo Boscolo (Brazil) and Jesper Brandt (Denmark) at the IALE World Congress in Beijing and no issues were found (Thanks to the auditors!).

by **Ralf-Uwe Syrbe, IALE Treasurer**

## FUNDING OPPORTUNITIES FROM IALE INTERNATIONAL IN 2012

As in the past years IALE International seeks to redistribute major parts (up to 90%) of its annual income to support emerging new regions, student travel to IALE Conferences, support for the invitation of scientists to regional IALE conferences or loans for regional IALE conferences.

In the past years proposals came in at irregular time intervals. This makes the budgeting and re-

distribution process difficult. For 2012 we would like to follow a simple but transparent procedure and ask the regions to submit their proposals for support by November 15<sup>th</sup>, 2011, in order to allow the EC to allocate the money in a transparent way.

We envisage the following categories, priorities, and approximate amounts:

Activity	Priority	Envisaged max. number of supported persons/proposals	Approx. total amount available 2012
<b>Young scientist travel grants</b>	1a low and lower-middle income countries ( <a href="http://data.worldbank.org/country">http://data.worldbank.org/country</a> ) 1b others	max 3 à 1500 Euro	up to 4500 Euro
<b>Developing a region</b>	2a low and lower-middle income countries ( <a href="http://data.worldbank.org/country">http://data.worldbank.org/country</a> ) 2b others	max. 2; each up to 4000 Euro	up to 6000 Euro
<b>Publicity of IALE Regional</b>	3	max. 2 à 1500 Euro	up to 3000 Euro

If you plan to submit a proposal, please send a 1/2 to 1 page describing the activity, the aim, potential co-sponsors, schedule, names of individuals or institutions receiving the grant and send it

before November 15, 2011 to

**Secretary General: Thomas C. Edwards**  
5230 Old Main Hill, Logan, UT 84322-5230, USA  
phone: +1 435 797-2529,  
email: [t.edwards@nr.usu.edu](mailto:t.edwards@nr.usu.edu)

## THE INTERNATIONAL ASSOCIATION FOR LANDSCAPE ECOLOGY (IALE) SEEKS PROPOSALS TO HOST THE 2015 IALE WORLD CONGRESS.

Proposals should address the following points:

1. The identity of the Lead Organizer(s) and Local Organizing Committee. If the proposal is accepted, this group will appoint a Scientific Committee with the support and approval of the Executive Committee of IALE International.

2. The proposed venue and time for the Congress and information on conference facilities and the availability and cost of accommodations in the proposed location at that time. The proposal must include information on the following:

- air fare from major world cities to venue
- estimated accommodation costs including low cost
- amenities at the venue (e.g. wireless, etc.)
- general outline of WC events (excursion, dinner, visits to nearby landscape-related features or conservation areas)

If the proposal is accepted, the Local Organizing Committee reserves space for the Congress and organizes the Congress receptions, social events, a banquet, and excursions.

3. A general budget and financial strategy. IALE International will provide, as specified in the proposal, a loan to help with costs associated with pre-conference logistics (e.g. to secure facilities) as well as conference costs. A Memorandum of Understanding between the IALE and the Organization Committee will be prepared between the parties. This loan will need to be justified and not exceed the amount of \$10,000 USD. The financial strategy for the conference should be done in such a way as to maximize the potential to achieve a balance that permits repaying the loan to IALE.

4. It is expected that the income of the congress will be comprised of the participation fee, sponsored

funds, rents, advertising revenues and the price of sold publications. The participation fee for IALE members and for students should be at a reduced fee (below the normal fee).

5. Opportunities for sponsorship by international, regional and local authorities, research institutions and industry.

6. Plans to secure secretarial/technical support prior to and during the Congress, including support to prepare a website for the Congress that receives registrations and contributed talks. Support to assist the Scientific Committee in screening contributed talks and assist the Local Organizing Committee with conference logistics. Support may include the following:

- general conference support,
- student support,
- support for low-income nations

The venue for the IALE World Congress 2015 will be chosen by the IALE EC towards the end of 2011 after consultation with IALE members.

Please send proposals no later than 15. November 2011 to Secretary General IALE International. Also, please send in a one-page powerpoint slide with pictures and the name of the venue. This slide will be used to highlight the proposal at the Beijing World Congress. Please send your proposal and one-page powerpoint to:

### Secretary General IALE International

Thomas C. Edwards, Jr.

USGS Utah Cooperative Fish and Wildlife Research Unit, Department of Wildland Resources

Utah State University, Logan, UT 84322-5290 USA

[t.edwards@nr.usu.edu](mailto:t.edwards@nr.usu.edu)

### Bulletin Deadline

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PLEASE: Send your contributions to the new  
Bulletin Editor Benjamin Burkhard  
[bburkhard@ecology.uni-kiel.de](mailto:bburkhard@ecology.uni-kiel.de)