



BIOdiversity and Economics for CONservation

BIOECON Network Highlight

XXII ANNUAL BIOECON CONFERENCE
Integrating natural and social science
for conserving biodiversity
September 17–19, 2021
Jackson Lake Lodge, Grand Teton
National Park, Wyoming, USA

Conference announcement

Latest Job Offers and New Projects

University of Kiel: The new chair of environmental and resource economics at the institute for economics of the Christian-Albrechts-Universität Kiel is looking for a postdoctoral researcher from July 1st 2020 or later. The full-time position is available for a period of 3 years with a possibility of prolongation. For questions please contact Prof. Dr. Ulrike Kornek, kornek@mcc-berlin.net.

Changing risks and mobile common pool resources: Economic analysis of resource-user behavior and policy instruments for sustainability (CRAMORES)

The project is a collaboration between the Universities of Montpellier France, and Leipzig, Germany, led by Nicolas Quérou and Martin Quaas. Participating researchers include Mickael Beaud, Fabien Prieur, Agnes Tomini, Mabel Tidball, Marc Willinger, Kira Lancker, and Rudi Voss. The project is funded by ANR and DFG and will start in Summer 2020.

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Foreword

Dear colleagues and friends from the BIOECON network,

The corona crisis also affects the BIOECON network, as some BIOECON members have been personally affected, and as we contribute our share to reduce the spread of the virus. The BIOECON partners have decided to cancel this year's conference and hold BIOECON XXII in Wyoming in 2021, September 17–19. More about this in this newsletter. Research on the corona pandemic is exploding, naturally also in resource economics, as the virus population clearly is a common pool (dis-)resource. More on this below.



Grand Teton National Park, where BIOECON XII will take place in September 2021

Further news include that the Interim report of the *Dasgupta Review – Independent Review on the Economics of Biodiversity* came out in late April 2020. The final version of this report is intended to serve as a scientific input for the fifteenth meeting of the Conference of the Parties to the Convention on Biological Diversity, which is planned to take place in Kunming, China, in October 2020.

Enjoy the newsletter and stay healthy!

Best regards,

Martin, Maria and Fabian

BIOECON News & Recent Initiatives

You find the BIOECON News in the boxes around: Upcoming conference, Latest Job Openings, New Projects, and Recent Publications. The BIOECON network is active as always, and we are sure that this is only part of the ongoing activities. Please regularly send us your updates to keep the network informed.



BIOECON 2021 Preview

The XXII ANNUAL BIOECON CONFERENCE will focus on *integrating natural and social science for conserving biodiversity*. It will take place September 17–19, 2021 – next year – at Jackson Lake Lodge, Grand Teton National Park, Wyoming, USA. The conference will be hosted by the University of Wyoming College of Business, Department of Economics and co-hosted by the University of Wyoming College of Agriculture and Natural Resources, Department of Agricultural and Applied Economics, and Haub School of Environment and Natural Resources

The Scientific Partners of BIOECON are pleased to announce the Twenty-Second International BIOECON Conference, which will be held at the Jackson Lake Lodge in Grand Teton National Park, Wyoming, USA on September 17–19, 2021. BIOECON XXII will be of interest to scholars and decision-makers working on issues related to the science and economics of natural resources and the environment including biodiversity conservation. In particular, BIOECON XXII will highlight the integration of natural science and social science, including economics, for conserving biodiversity and managing natural resources.

Keynote presentations will be delivered by Carolyn Fischer (Resources for the Future) on "Who's afraid of the WTO? Environmental disputes and trade in natural resources," and Simon Levin (Princeton University) on "Public goods, from microbes to human societies".



Carolyn Fisher and Simon Levin, keynote speakers at BIOECON XXII, 2021

Global Study on Insect Decline

A worldwide compilation of long-term insect abundance studies shows that the number of land-dwelling insects is in decline. On average, there is a global decrease of 0.92% per year. At the same time, the number of insects living in freshwater, such as midges and mayflies, has increased on average by 1.08% each year. This is possibly due to effective water protection policies. Despite these overall averages, local trends are highly variable, and areas that have been less impacted by humans appear to have weaker trends. These are the results from the largest study of insect change to date, including 1676 sites across the world, now published in the journal *Science*.

Reference: Roel van Klink, Diana E. Bowler, Konstantin B. Gongalsky, Ann B. Swengel, Alessandro Gentile and Jonathan M. Chase (2020) Meta-analysis reveals declines in terrestrial but increases in freshwater insect abundances. *Science*, 368(6489) DOI: 10.1126/science.aax9931

COVID 19 Environmental and Resource Economic Research

Research on the corona pandemic is rapidly expanding also in environmental and resource economics. Our hosts for BIOECON XXII are among the pioneering researchers in this emerging field, you find the reference to their paper on *The Benefits and Costs of Using Social Distancing to Flatten the Curve for COVID-19* below.

Several journals are launching special issues on the topic, including leading journals in research fields closely related to BIOECON: **Environmental and Resource Economics**, the official journal of the European Association of Environmental and Resource Economists, has opened a call for papers **COVID-19 Environmental Economics Research: Coronavirus-Related Papers in ERE**, and the **Journal of Environmental Economics and Management** is calling for a special issue: **JEEM COVID-19 fast-track**.

References

- [1] Okonkwo, J. U. and Quaas, M. F. [2020], 'Welfare effects of natural resource privatization: a dynamic analysis', *Environment and Development Economics* **25**(3), 205–225.
- [2] Quaas, M. F., Baumgärtner, S., Drupp, M. A. and Meya, J. N. [2020], 'Intertemporal utility with heterogeneous goods and constant elasticity of substitution', *Economics Letters* **191**, 109092.
- [3] Thunstrom, L., Newbold, S., Finnoff, D., Ashworth, M. and Shogren, J. F. [forthcoming], 'The benefits and costs of using social distancing to flatten the curve for covid-19', *Journal of Benefit-Cost Analysis* .
- [4] van Klink, R., Bowler, D. E., Gongalsky, K. B., Swengel, A. B., Gentile, A. and Chase, J. M. [2020], 'Meta-analysis reveals declines in terrestrial but increases in freshwater insect abundances', *Science* **368**(6489), 417–420.