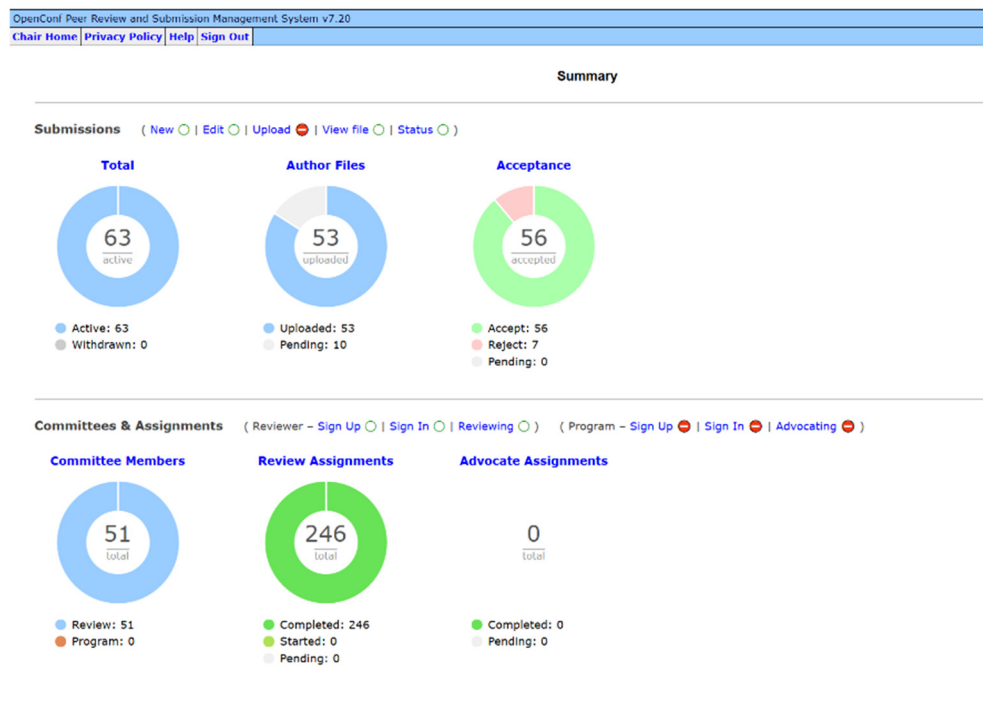


## Acknowledgements

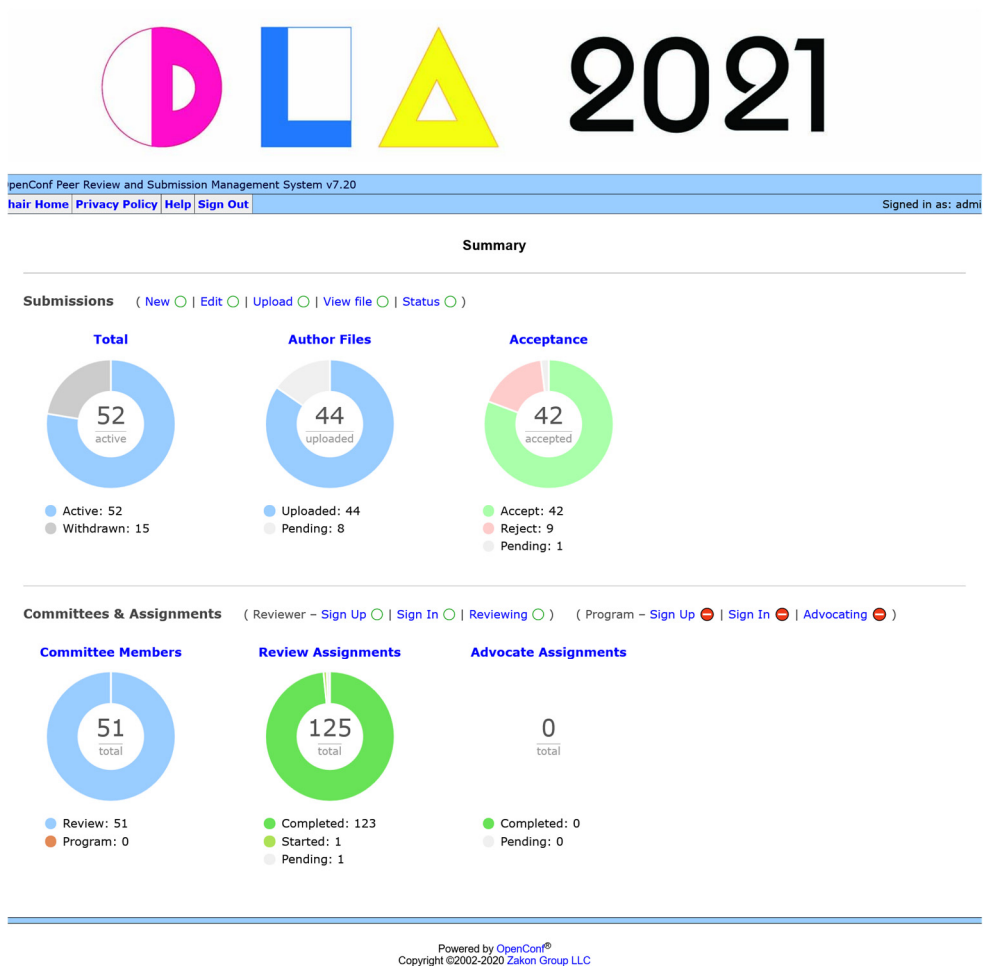
We wish to give special thanks to the JoDLA Board of Editors, and to the members of the Review Board of the Journal of Digital Landscape Architecture.

The Board of Editors helps promote the quality and interests of the **Journal of Digital Landscape Architecture (JoDLA)**. This includes advising the editors on the policies of JoDLA and its future direction, and recruiting appropriate submissions. A group of experts in the areas of New Media and Landscape Architecture, mostly from the Board of Editors, but completed by additional specialists, serves as **Peer Reviewers for the Journal JoDLA**. The contributions to the journal are the result of a two-phase blind peer-review process.



**Fig. 1:** Sixty-three submitted extended abstracts reviewed by fifty-one blind reviewers led to fifty-six accepted abstracts for submission of full papers for JoDLA 6-2021 – graphics provided by OpenConf

The anonymous peer-review process of the sixty-three extended abstracts led to fifty-six being accepted for full paper review and finally to fifty-six full papers accepted for publication as peer-reviewed papers. Every paper accepted as a full paper for the journal publication was rigorously reviewed by at least two peers from the international panel of scholars listed below.



**Fig. 2:** Fifty-one accepted full papers for JoDLA 6-2021 after 125 blind full paper reviews by fifty-one reviewers – graphics provided by OpenConf

The full paper submission of accepted abstracts came from fifteen countries: thirteen full paper entries each from the United States, and Germany, four full papers each from South Korea and Switzerland, three entries each from China, Hungary and the United Kingdom, two entries from the Netherlands. And from the following countries we received one full paper entry each: Australia, Canada, Armenia, Czech Republic, Finland, New Zealand, Norway, and Turkey.

The high standards of the reviewers assure that the papers in this sixth issue will advance the theory and application of digital methods in landscape architecture.

The reviewers listed below spent many hours on extended abstracts and full papers. Many of them also wrote expert recommendations on how to improve the papers. **Without voluntary academic contribution, we could not develop this academic journal. Thank you JoDLA reviewers!**

And we sincerely hope that the reviewers will also find time to help us in the future.

**Ackerman**, Aidan – SUNY College of Environmental Science and Forestry, USA

**Bishop**, Ian – University of Melbourne, Australia

**Campagna**, Michele – Università di Cagliari, Italy

**Canfield**, Tess – London, United Kingdom

**Conrad**, Max – Louisiana State University, United States

**Danahy**, John – University of Toronto, Canada

**Döllner**, Jürgen – Hasso-Plattner-Institut, Germany

**Donaubauer**, Andreas – TU München, Germany

**Douglas**, Craig – Harvard University GSD, United States

**Ervin**, Stephen – Harvard University GSD, United States

**Esbah Tuncay**, Hayiye – Istanbul Technical University, Turkey

**Formosa**, Saviour – University of Malta, Malta

**Fricker**, Pia – Aalto University, Finland

**Gilbey**, Eric – Vectorworks, United States

**Haase**, Andrea – Rainer Schmidt Landschaftsarchitekten, Germany

**Hasbrouck**, H. Hope – University of Texas at Austin, United States

**Hehl-Lange**, Sigrid – University of Sheffield, United Kingdom

**Heins**, Marcel – Anhalt University, Germany

**Chamberlain**, Brent – Utah State University, United States

**Ikwan**, Kim – Istanbul Technical University, Turkey

**Ikhwan**, Kim – Istanbul Technical University, Turkey

**Kieferle**, Joachim – Hochschule RheinMain, Germany

**Kim**, Mintai – Virginia Tech, United States

**Kolbe**, Thomas – TU München, Germany

**Kowalewski**, Benedikt – ETH Zurich, Switzerland

**Lange**, Eckart – University of Sheffield, United Kingdom

**Lammeren**, Ron van – Wageningen University and Research, Netherlands

**Lovett**, Andrew – University of East Anglia, United Kingdom

**Mach**, Ruediger – mach:idee Visualisierung, Germany

**Mattos**, Cristina – GAF, Germany

**Melsom**, James – UTS – University of Technology Sydney, Australia

**Monacella**, Rosalea – Harvard University GSD, United States

**Mertens**, Elke – Hochschule Neubrandenburg, Germany

**Orland**, Brian – University of Georgia, United States

**Örnek**, Muhammed – Istanbul Technical University, Turkey

**Ozdil**, Taner – The University of Texas at Arlington, United States

**Ozimek**, Agnieszka – Cracow University of Technology, Poland

**Özkar**, Mine – Istanbul Technical University, Turkey

**Paar**, Philipp – Laubwerk GmbH, Germany

**Palmer**, James – Scenic Quality Consultants, United States  
**Pietsch**, Matthias – Anhalt University, Germany  
**Rekittke**, Jörg – Norwegian University of Life Sciences (NMBU), Norway  
**Roth**, Michael – Nürtingen-Geislingen University, Germany  
**Schroth**, Olaf – Weihenstephan-Triesdorf University, Germany  
**Schwarz von Raumer**, Hans-Georg – University of Stuttgart, Germany  
**Seçkin**, Yasin Çağatay – Istanbul Technical University, Turkey  
**Stemmer**, Boris – Technische Hochschule Ostwestfalen-Lippe, Germany  
**Sturla**, Paola – Harvard University GSD, United States  
**Taeger**, Stefan – Hochschule Osnabrück, Germany  
**Tara**, Ata – RMIT University, Australia  
**Tomlin**, Dana – University of Pennsylvania, United States  
**Tulloch**, David – Rutgers University, United States  
**Vogler**, Verena – Bauhaus University Weimar, Germany  
**Vugule**, Kristine – Latvia University of Agriculture, Latvia  
**Wissen Hayek**, Ulrike – ETH Zurich, Switzerland  
**Zeile**, Peter – Karlsruhe Institute of Technology, Germany

We would like to summarize the phases of the specific review process that we apply during the review for the Journal of Digital Landscape Architecture. The seventy reviewers from different areas of IT in landscape architecture, as well as all the authors, used OpenConf, an efficient online conference management system.

Prof. Joachim Kieferle from Hochschule Rhein-Main operated the management system this year, as he has so faithfully done for many years. **We would like to offer Joachim Kieferle our greatest appreciation for his long-term commitment.**

In the first step of the blind-review process, four to five blind reviewers are asked to give an initial evaluation for each of the anonymous abstracts assigned to her/him and place it into one of six levels of evaluation. The average score derived from these evaluations and the written evaluations of the reviewers is the basis for accepting a paper for full paper submission.

In the second step, the blind review of the full papers, only two reviewers with in-depth knowledge of the subject matter are assigned per paper. These second reviewers are usually selected from the original group that evaluates each initial abstract, and they are asked to consider recommendations already made.

In the written suggestions, the reviewers are also asked to check for

- missing references to the literature, and
- irrelevant or mistaken assertions

The reviewers are usually able to make several suggestions for improvement. All further accepted authors are given enough time to rework their full papers according to the recommendations of the two reviewers. In this second review phase, only very few authors of full papers are asked for a complete re-submission for a later issue.

Each author receives the comments of the reviewers and additional comments by the editors for revising the full paper. When necessary, papers are returned to authors for revision until

accepted by both reviewers. In some cases, additional anonymous reviewers are also asked to comment.

Over one hundred authors and co-authors of forty-two papers received a final confirmation letter that their contributions would be published in the sixth issue of the Journal of Digital Landscape Architecture, 6-2021, Herbert Wichmann Verlag, VDE VERLAG GMBH, Berlin and Offenbach, Germany.

We would like to give special thanks to all our colleagues who serve on the Review Board and by doing so further develop the level of scientific standards of peer-reviewed proceedings of this conference. We thank all of them for the extensive time spent in reviewing the abstracts and the papers for this journal.

The quality of the peer-reviewed papers benefits greatly from the extensive advice given in comments by the blind reviewers to the anonymous authors. We are very flattered by the academic support given by the reviewers of JoDLA.

We thank all fifty-one reviewers who helped with their recommendations during the two-phase review process and we compliment the authors for their SCIENTIFIC EXCELLENCE!

The outstanding contributions of the reviewers to this Journal may be best described by looking at the volume of recommendations given by the reviewers to the authors. The 500,000 words of blind recommendations given in the comments on the papers would fill over 100 pages of this journal! Thank you for taking the time and making the effort to share your knowledge with the authors!

**The Journal of Digital Landscape Architecture Award 2021 for  
HIGHEST LEVEL OF COMMITMENT IN THE REVIEW COMMITTEE**

are given by the editors to

**Ian Bishop**, University of Melbourne  
**Brent Chamberlain**, Utah State University  
**Andreas Donaubaue**r, TU München  
**Pia Fricker**, Aalto University  
**Andrew Lovett**, University of East Anglia  
**Brian Orland**, University of Georgia  
**Olaf Schroth**, Weihenstephan-Triesdorf University  
**Hans-Georg Schwarz von Raumer**, University of Stuttgart  
**Verena Vogler**, Bauhaus Universität Weimar  
**Ulrike Wissen Hayek**, ETH Zürich

who each wrote more than 5,000 words in recommendations as guidance for the authors submitting full papers for review. A number of other reviewers came close to this volume of recommendations, while others kept their valuable advice to the point. They all gave helpful anonymous input to the authors as well as to the editors aiding the decision on which papers to accept for publication.

We are also pleased to announce three authors and their co-authors who received the highest possible rating by both of their blind reviewers for their full paper contributions to the 6-2021 edition to the Journal of Digital Landscape Architecture.

The awards are given for the highest possible score of the review process for full papers.

**The Journal of Digital Landscape Architecture award 2021 on  
SCIENTIFIC EXCELLENCE** is given to

**Prof. Aidan Ackerman**, SUNY College of Environmental Science and Forestry  
**Ashley Crespo**, SUNY College of Environmental Science and Forestry  
**John Auwaerter**, SUNY College of Environmental Science and Forestry and  
**Eliot Foulds**, Olmsted Center for Landscape Preservation, Boston  
for their article

**“Using Tree Modeling Applications and Game Design Software to Simulate Tree  
Growth, Mortality, and Community Interaction”**

and to

**Ilmar Hurkxkens**, ETH Zurich  
**Dave Pigram**, University of Technology, Sydney and  
**James Melsom**, University of Technology, Sydney  
for their article

**“Shifting Sands: Experimental Robotic Earth-Moving Strategies in Dynamic  
Coastal Environments”**

We are also pleased to announce those who received the second highest rating for their full paper contributions. Each of the following papers was given the highest score possible by one of the blind reviewers and the second highest score possible by the other blind reviewer.

**The Journal of Digital Landscape Architecture award 2021 on  
SCIENTIFIC MERIT** is given to

**Prof. Dr. Allan W. Shearer**, The University of Texas at Austin, Texas  
**Dr. David J. Kilcullen**, Cordillera Applications Group, Colorado and  
**Gordon Pendleton**, Cordillera Applications Group, Hampshire  
for their article

**“Conceptualizing a Model of Antifragility for Dense Urban Areas”**

**Laura Wilhelm**  
**Dr. Andreas Donaubaue**r and  
**Prof. Dr. Thomas H. Kolbe**, all Technische Universität München  
for their article

**“Integration of BIM and Environmental Planning – The CityGML EnvPlan  
ADE”**

**Isaac Seah**, University of Toronto  
**Prof. Fadi Masoud**, University of Toronto  
**Dr. Fabio Dias**, University of Toronto  
**Aditya Barve**, Massachusetts Institute of Technology  
**Mayank Ojha**, Massachusetts Institute of Technology and  
**Prof. Miho Mazereeuw**, Massachusetts Institute of Technology  
for their article

**“Flux.Land: A Data-driven Toolkit for Urban Flood Adaptation”**

**Prof. Emily Schlickman**  
**Nikita Andrikanis**  
**Corbin Edward Burns Harrell** and  
**Prof. Peter Nelson**, all University of California  
for their article

**“Prototyping an Affordable and Mobile Sensor Network to Better Understand  
Hyperlocal Air Quality Patterns for Planning and Design”**

**Dr. Johannes Gnädinger** and  
**Georg Roth**, both Prof. Schaller UmweltConsult (PSU)  
for their article

**“Applied Integration of GIS and BIM in Landscape Planning”**

**Chaowen Yao** and  
**Prof. Dr. Pia Fricker**, both Aalto University  
for their article

**“How to Cool Down Dense Urban Environments? A Discussion on Site-Specific  
Urban Mitigating Strategies”**

**Hui Tian**, Independent  
**Prof. Dr. Ziyu Han**, Tongji University  
**Weishun Xu**, Zhejiang University  
**Xun Liu**, University of Virginia  
**Waishan Qiu**, Cornell University and  
**Dr. Wenjing Li**, The University of Tokyo  
for their article

**“How to Cool Down Dense Urban Environments? A Discussion on Site-Specific  
Urban Mitigating Strategies”**

Congratulations to all!

Jeanne Colgan, who has been on board since the very beginnings of the DLA, was once again responsible for English language proofreading. As native English speaker she enables the English language editorial work hosted in Germany. She was supported by Stephen Colgan and Laurie Whittaker, while Jana Ekman and Anna Meira Greunig checked and improved all the layouts of the contributions as during the last years.

This year our great thanks goes to Anhalt University. Prof. Erich Buhmann, the Chair of DLA is being assisted by Prof. Dr. Matthias Pietsch and his team for preparing this year’s virtual options for the DLA conference. Prof. Dr. Steffen Strauß of the Anhalt University in Media Technology is supporting the video production of live panels. The videoconference provider STEAVENT will optimize the interactive participation and social networking during the virtual conference.

We also thank Anhalt University for having supported the international conference series Digital Landscape Architecture DLA for the entire 22 years.

We very much look forward to the second effort to hold the DLA in-person at the GSD at Harvard in 2022. As there is still a lot of uncertainty until next summer we are not yet able to set the exact dates. Please put DLA 2022 in your agenda for June 2022. We are very grateful to Dr. Stephen Ervin for taking on this (now hybrid) conference for a second time. We truly hope to see many of you in person again.

The JoDLA will continue to be organized in Bernburg by Prof. Erich Buhmann and Jeanne Colgan. We are looking forward to receiving many papers for the JoDLA 7-2022 which will then be presented at Harvard in Boston.