Introduction

The cover of the fourth issue of the Journal of Digital Landscape Architecture 4-2019 shows the beauty of the integrated point cloud model of above water and underwater segments of mangroves on Bunaken Island, North Sulawesi. It was created by J. Rekittke and Y. Ninsalam in 2015.

The DLA 2019 is organized on the Anhalt University campus immediately adjacent to the iconic Bauhaus building in Dessau, Germany. In recognition of the Bauhaus centenary, we have responded with this year's main theme:

Landscape: Informed by Science, Shaped by Design.

This theme seems to be our best possible answer to the discussion on the founding of the Bauhaus and its meaning for our profession today.

This fourth issue of the JoDLA contains fully peer-reviewed articles drawn from the 20th annual Digital Landscape Architecture Conference DLA 2019. It covers nine chapters with the following broad topics:

- Landscape: Informed by Science, Shaped by Design
- Analog and Digital Landscape Architecture
- BIM for Landscape
- Augmented Reality (AR), Virtual Reality (VR) and Immersive Displays in Landscape Design
- Geodesign
- Algorithmic Landscapes
- Point Cloud Applications in Landscape Architecture
- Smart Cities and Smart Regions
- Teaching Digital Landscape Architecture

We hope you will appreciate the fourth edition. The printed copy was first distributed at the DLA 2019 held from May 22 to May 25. You will find all the contributions online as open access publication at the gis.Point and gis.Open platforms of Wichmann http://gispoint.de/jodla.html.

We would also like to invite you to the next DLA conference. The 21st international conference on information technology in landscape architecture, Digital Landscape Architecture DLA 2020, will be held at the Graduate School of Design at Harvard University in Cambridge, Massachusetts from June 1 to 2, 2020.

The Journal of Digital Landscape Architecture invites you to submit ideas for special issues and topics. Please follow our continuously updated announcements and call for papers and posters at www.digital-la.de. Here you will also find the complete documentation of the DLA beginning from the year 2000.

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