

# Study Day on Transformation of Traditional Architecture in Indonesia

## Tra<sup>2</sup>in

March 24, 2017

Böcklsaal TU Wien, Karlsplatz 13, 1040 Wien

A group of researchers of the TU Wien and the Universität Wien present the concepts of research projects they are preparing for a Special Research program (Spezialforschungsbereich) for the Austrian Science Fund (FWF-Der Wissenschaftfonds)

In interdisciplinary teams the program aims to bundle existing research on the traditional architecture of the Indonesian archipelago and try to close existing gaps focusing on outstanding features of the traditional Indonesian architecture in terms of climate adaptation and earthquake resistance. Those findings will be used to develop new methods to apply sophisticated traditional approaches in future innovative and sustainable design and planning concepts.

As special guests:

**Sita Adishakti,**

**Ikaputra**

Universitas Gadjah Mada, Yogyakarta,

**Hanan Himasari,**

Institute for Technology Bandung

**Alain Viaro,**

Graduate Institute of International and Development Studies, Geneva

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## Program

10:00-10:20	Ulrike Herbig	<ul style="list-style-type: none"><li>• Introduction</li><li>• Transformation of Traditional Architecture in Indonesia</li><li>• Processes of Interdisciplinary Research in Architecture and Urban Planning</li></ul>
10:20-10:40	Andrea Rieger-Jandl   Lukas Stampfer	Architecture and Identity - Comparative Studies on Traditional Vernacular Architecture in Indonesia
10:40-11:00	Elmar Kiesling   A Min Tjoa	Linked Data Infrastructure for Trans-disciplinary Research on Traditional Architecture in Indonesia — A proposal
11:00-11:20	Erich Lehner	Javanese Candi: Documentation and Comparison
11:20-11:40	Ardeshir Mahdavi	Computational Support for Climate-responsive Building Design and Operation
11:40-12:00	Coffee break	
12:00-12:20	Norbert Pfeifer	Photogrammetric Recording Approaches for the Documentation of Traditional Indonesian Built Environment
12:20-12:40	Anita Aigner   Irene Doubrawa	Critical Heritage Studies on Vernacular Architecture in Indonesia
12:40-13:00	Peter Ferschin   Monika Di Angelo	Design Rules - Bali
13:00-13:20	Renate Bornberg   Alain Viaro   Andreas Voigt	Diversity of Indonesian Village and Town Structures. An approach for an investigation of Indonesian cultural diversity
13:20-13:40	Hermann Mückler   Gabriele Weichart	Social- and Cultural Anthropological aspects of Tradition and Traditional Built Environment
13:40-14:00	Georg Gartner	Atlas Development for Visualization, Storytelling and Participation on Traditional Indonesian Architecture
14:00-15:00	Lunch Break	
15:00-17:30	Workshop	