

# XIAOWEI R. WANG

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## EDUCATION

**HARVARD GRADUATE SCHOOL OF DESIGN, Cambridge MA /2010-13**  
**Master of Landscape Architecture**

Thesis: The Nomad, The Technologist. A 21st Steppe Fable

**Norman T. Newton Prize in Design /2013**

>>An annual prize to be awarded to a graduating landscape architecture student whose work best exemplifies achievement in design expression as realized in any medium.

**Harvard University Asia Center Research Grant /2012**

>>Ports on the Verge: Reframing Sino-Mongolian relations through infrastructural ecologies in the dry ports of Zamyn-Üüd, Mongolia and Erenhot, China.

**Penny White Research Grant /2011**

>>Nomadology of the City: Rural-urban Transhumance in Ulaan Baatar. Mapping urban grazing and identifying locations and typologies of ecological infrastructure. With Steven YN Chen (OMA).

**HARVARD COLLEGE, Cambridge MA /2004-08**

**Bachelor of Arts with Honors, Visual and Environmental Studies**

Thesis: Tools and Maps for Intuitive Cartography

**Office for the Arts Spring Grant /2006**

>>Grant for Curio Magazine exhibition, a co-edited magazine featuring artists such as Agata Olek, Christian Bök and Nick Montfort. (<http://grandtextauto.org/2006/08/13/loaded-mazagines/>)

## SKILLSET

>>Adobe Creative Suite, Rhino3D, Grasshopper, 3dsmax, ArcMap, Html/CSS, Mapbox/Tilemill, basic JS, Python, Processing, Arduino

## EXPERIENCE + PROJECTS

**TAIPEI DESIGN CITY EXHIBITION, Taiwan**

**Participant & Invited Workshop Instructor /ongoing**

>>Workshop Instructor along with Deren Guler for the Taipei Design City Exhibition, focusing on adaptive, smart cities and the use of social design in urban environments. Conceptualizing workshop, creating curriculum materials, budget, coordination, utilizing workshop as design research.

**LOOP BEIJING FOR BEIJING DESIGN WEEK**

**Project Lead /ongoing**

>>Project lead for LOOP Beijing, a participatory design & technology project utilizing the public bus infrastructure of the city. Public buses are transformed through an internet based audio platform into nomadic sites of interaction, sound art and gallery space. Design, coordination, budget, implementation, community outreach, publicity and user research.

**Zero1 / US State Department American Arts Incubator**

**Selected artist for Mongolia /ongoing**

>>An artist exchange developed by Zero1 and the US Department of State's Bureau of Educational and Cultural Affairs. The program selects artists to send abroad for 4 weeks, create projects that combine art and technology for underserved populations and facilitate a microgrant program.

**BAY AREA INFRASTRUCTURE OBSERVATORY, San Francisco /ongoing**  
**Director of Programs**

**MacroCity Conference**

>>Organizing field trips in Bay Area and day long conference for issues surrounding infrastructure and urbanism.

**Shipping Container Field Guide**

>>Maps and diagrams of global trade flows for Shipping Container Field Guide, ed. Tim Hwang and Craig Cannon. Forthcoming 6/14.

## EXPERIENCE + PROJECTS cont'd

**SITU RESEARCH, Brooklyn NY 2013-2014**

**Freelance researcher, online mapping, GIS**

**Where the Drones Strike platform**

>>Research and mapping for Bureau of Investigative Journalism report, **wherethedronesstrike.com** In conjunction with Forensic Architecture.

**UN Special Rapporteur on Human Rights Report**

>>Research and mapping for UNSRCT Report on drone strikes, led by Ben Emmerson. **unsrct-drones.com** In conjunction with Forensic Architecture.

**Forensis at Haus der Kulturen Welt**

>>Maps for FORENSIS exhibition on political geographies of drone strikes in Pakistan at HKW in collaboration with Forensic Architecture.

**ALTITUDES OF URBANIZATION, OPSYS, Cambridge MA /2013**

**Design research**

>>Diagram production and web interface for Altitudes of Urbanization project and exhibition at AIRPORT LANDSCAPES, Harvard GSD.

**Urban Theory Lab, Cambridge MA /2013**

**Post-Graduate Researcher**

**UTL @ Harvard Graduate School of Design**

>>Research/mapping on global urbanization indices for Neil Brenner and Robert Pietrusko, Critique of Cartographic Reason Project. Quantitative and qualitative analysis alongside documentation and visualization of quantitative, demographic data.

**FLOAT BEIJING, Beijing China /2012**

**Co-Creator**

>>Project concept development + implementation for a participatory art/design project mapping and recording air quality data in Beijing.

>>INDEX: Design to Improve Life Project Finalist 2013

>>Black Rock Arts Foundation Grant 2012

>>AWESOME Foundation Grant 2012

**RECUPERA CHILE, MIT Urban Risk Lab Cambridge MA /2012**

**Design Researcher**

>>Post-earthquake housing/preservation research in coastal towns of Chile as part of a joint effort with Harvard Kennedy School, culminating into design/build project.

**TALACH DESIGN STUDIO, Beijing China /2011**

**Consultant**

>>Design/Events consultant, coordinating events and efforts on food education in Beijing including launching and coordinating POP UP BRUNCH, (featured in Time Out Beijing).

**BEIJING CITY PLANNING BUREAU, Beijing China /2010**

**INTERNATIONAL ROOFTOPS LANDSCAPE ASSOCIATION**

**Consultant, Researcher**

>>Researching and mapping city zoning, hydrology, structural requirements at the intersection of urbanization and city development. Mapping urban conditions for implementation of green roofs in Beijing. Logistics and liaison between business owners, city planners.

**BEIJING URBAN GARDENING INITIATIVE, Beijing China /2009-10**  
**Project Manager**

>>In partnership with Roots + Shoots (Jane Goodall Institute), Beijing. Mapping and locating areas for urban gardens, organizing workshops for Beijing residents on urban gardening, soil remediation and food education. Organizing and outreach to local universities, organic farms and co-ops.

## **TEACHING, ADDITIONAL PROJECTS**

University of California, Davis /summer 2014  
Instructor, Environmental Design department  
>>Instructor for LDA 198, Applied Geographic Information Systems.

“Knowing is not naming”, Los Angeles CA /2014  
>>Mapping, walking workshop as part of Rethink Environment at Human Resources, LA

California College of the Arts, San Francisco CA /2014  
Invited Guest Critic : The Data Driven City, Architecture department, final review

BOSTON ARCHITECTURAL COLLEGE, Boston MA /2013  
Invited Guest Critic : Equipping Walls, Architecture department, final review

HARVARD GSD CAREER DISCOVERY PROGRAM /2013  
Instructor, Landscape Architecture

PRUITT IGOE NOW DESIGN COMPETITION /2012  
First place competition winner, with Heather Dunbar  
>>Competition jurors: Teddy Cruz, Theaster Gates, Jr. and Bob Hansman.

TONGJI UNIVERSITY/PARSONS, Shanghai China /2012  
Invited critic, air quality mapping workshop

INSTITUTE FOR PROVOCATION, Beijing China /2009  
Invited Artist  
>>Residency for researching post Cultural Revolution land use changes in northern China. Mapping and creating participatory public installations from research. Projects included *Yuanminggongyuan* and *Lignes de désir*

## **CONFERENCES, PUBLICATIONS, PANELS**

HARVARD DESIGN MAGAZINE: Oceans /2014  
>>Forthcoming. Interview with Dawn Wright, Oceanographer and Chief Scientist at ESRI.

[EN]CODING ARCHITECTURE /2014  
>>Studio for Creative Inquiry, Carnegie Mellon. Editor: Liss C. Werner. Essay co-written with Deren Guler on FLOAT Beijing and the role of design in politics.

DESIGN FOR SMART GROWTH, World Economic Forum's Network of Global Agenda Councils, Copenhagen SE /2014

>>Invited as INDEX finalist. Part of a series of interactive sessions led by the Global Agenda Council on Design & Innovation to highlight the links between design, innovation and critical global issues, held in the broader context of the INDEX Award.

LANDSCAPE ARCHITECTURE FRONTIERS /2014  
>>April issue, The Power of the Market, focusing on design and its relation to Chinese markets. Published by Tsinghua University, Beijing.

ROYAL GEOGRAPHICAL SOCIETY, London UK /2013  
>>Paper accepted, Unidentified Sensing Objects: Navigating Disputed and Disrupted Air

GROUND UP JOURNAL: GRIT /2013  
>>“2.5 Microns” as part of Ground Up Journal on air pollution standards and the difficulty of geographically defining air pollution

PARSONS/TSINGHUA UNIVERSITY /2012  
RAWR STUDIO, Beijing China  
>>Innovation in China Series

PRINCETON UNIVERSITY /2012  
Organization for the Advancement of Studies of Inner Eurasian Societies  
>>Talk given, Mobile Territories: Redefining the Nomadic through the Infrastructural Landscape of Zamyn-Üüd

## **PUBLIC INSTALLATIONS + GROUP EXHIBITIONS**

FORENSIS, Haus der Kulturen Welt, Berlin /2014  
>>Curated by Anselm Franke and Eyal Weizman. Maps of drone strikes in FATA, Pakistan

Design Intelligence: Advanced Computational Research, Beijing Design Week, 751 Beijing /2013  
>>Curated by Neil Leach and Xu Weiguo, video and drawings from The Nomad, The Technologist

Airport Landscape, Harvard Graduate School of Design, Cambridge /2013

>>ORD Visualization  
>>Altitudes of Urbanization

Object Lessons, Carpenter Center for the Visual Arts, Cambridge, MA /2010 \*Group Exhibition

Also Space, Andingmen Hotel, Beijing, China /2009 \*Group Exhibition

Yuanminggongyuan, Paoju Hutong, Beijing, China /2009 \*Public Installation

Seek truth from facts, Various locations, Beijing, China /2009 \*Public Installation

Gastspiele, Galerie Exhíbeo, Berlin, DE /2009 \*Group Exhibition

Outside/In, Carpenter Center, Cambridge, MA /2008 \*Group Exhibition

## **REFERENCES**

Pierre Bélanger, Co-Director Master of Design Studies @ Harvard GSD, Associate Professor  
>> belanger@harvard.edu >> 617-496-4021

Jane Hutton, Assistant Professor at Harvard GSD, Editor SCAPEGOAT Journal  
>> jhutton@gsd.harvard.edu >> 617-495-2367

Helen Mirra, artist  
>> silvester@hmirra.net

Robert Gerard Pietrusko, co-founder @ (meta)Lab, Urban Theory Lab  
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