

Kotchakorn Voraakhom

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Education

- 2006 **Harvard University, Cambridge, MA, USA**
Master in Landscape Architecture, Post Professional Program 2
- 2001 **Chulalongkorn University, Bangkok, Thailand**
Bachelor degree in Landscape Architecture
First class honor student (gold medal)

Work

- 2017-pres. **Porous City Network, Thailand**
Founder, CEO (2017-present)
Social Enterprise: Non-profit
Landscape architecture and urban design solution for tackle climate change, non-profit organisation
- 2010-pres. **Landprocess Company Limited, Bangkok, Thailand**
Founder, CEO and Design Director (2010-present)
Social Enterprise: Landscape architecture and urban design organisation
- 2014-2016 **Siam Green Sky (urban agricultural learning center), Bangkok, Thailand**
Co-founder and Program Director (2014-2016)
- 2008-pres. **Artfield Creative Art Therapy, Bangkok, Thailand**
Co-founder (2008-present) and Creative Art Therapist Facilitator (project-based)
Non-profit organisation promoting palliative care through creative art therapy
- 2006-2008 **Kounkuey Design Initiative (KDI), Nairobi, Kenya**
Co-founder (2006-2008)
Social Enterprise: *design and community development organisation working with underserved communities; led community design work sessions in Kibera slum, Nairobi*
- 2003-2006 **Various landscape architecture and urban design firms, Boston, Denver, Houston, San Francisco**
Landscape architectural designer

Academic

- 2010-pres. **Department of Landscape Architecture, Chulalongkorn University**
Adjunct Lecturer / Studio Design 5.1
- 2010-pres. **Department of Landscape Architecture and Urban Design, Thummasat University**
Adjunct Lecturer / Landscape Design theory and
City At-Risk : Climate Change in Southeast Asia Cities
- 2006 **Career Discovery/ Harvard Graduate School of Design**
Landscape Architectural instructor

Award

- 2018 **The Association of Siamese Architects under Royal Patronage
2018 ASA Architectural Design Awards**
The best architecture of the year : The Chualongkorn Centenary Park
- 2017 **2017 International Federation of Landscape Architects Asia – Pacific Region (IFLA)**
Award of Excellence – Siam Green Sky
- Toyota Foundation Grant Award, Japan (Porous City Network)**
Finding best practice for tackle climate change in Southeast Asia cities
- 2016 **TALA Professional Award, Thailand Association of Landscape Architects**
Excellence Award: Siam Green Sky Urban Agriculture Learning Center
- 2015 **TALA Professional Award, Thailand Association of Landscape Architect**
Honour Award, General Design - Public Space: Urban Street, Siam Square
Honour Award, General Design - Commercial: Pedestrian Community Mall, Sunglung Square

Recognition

- 2018 **TED Speaker at TED Woman, Plam Spring, CA. USA.**
- TED Fellow, USA**
20 selected applicants around the globe
- The Atlantic Fellow, The Equity Initiative fellowship program, (Porous City Network)**
The Atlantic Philanthropies and China Medical Board
- Harvard University Graduated School of Design, USA**
The Alumni Spotlight
- 2017 **Echoing Green Climate Fellow (Porous City Network), USA**
Social enterprise fellowship, selected proposal from 2789 application from 163 countries.
- Yenching Social Innovation Forum, Yenching Academy of Peking University, China**
Dynamic Solutions for a Sustainable Future
Delegate
- 2016 **Asia Development Fellow, The Asia Foundation**
Highly competitive yearlong fellowship for emerging Asian leaders
Focus topic: Environment
- 2014 **ASA Change**, selected architecture firms in Thailand to exhibit works that impact social change
- 2006 **The Penny White Award, Department of Landscape Architecture, Harvard University**
Work Sessions in the Kibera Slums of Nairobi:
Understanding Landscape Solutions to Marginalised Communities

Association

- 2018 **Forum on Leadership fro Asia 's Future, Singapore**
The Asia Foundation
The Alumni Steering committee
- 2014-2016 **Bangkok 250, Bangkok Metropolitan Administration and Urban Design and Development Center**
Landscape Architecture Expertise Consultant (
Visionary urban development projects in celebration of Bangkok's 250th anniversary
- 2010-pres. **Thailand Association of Landscape Architect (TALA)**
Licensed professional landscape architect

Public Talks and Special Lectures

- 2018 **TED Woman, Palm Spring, USA**
Speaker
- TED Conference, USA**
The fellow TED talk at the 2018 TED Conference, Vancouver, Canada
Speaker
- Spark: Landscape Architecture International Dialogue**
Institute landscape architects of Malaysia
Opening Keynote Address
- Climate Summit, Columbia**
Porous Solutions for Climate Entrepreneurship
Speaker
- Campus Party Conference, Singapore**
Create the Future
Find solution for sinking city, the Campus Party community in Asia, Singapore
Speaker
- United Nations Panel, New York, USA**
Science, Technology and Innovation (STI) Forum 2018
How can social entrepreneurs science policy use technology and innovation to achieve the UN
2030 Agenda?
Panlist
- 2017 **Global Entrepreneurship Community Summit, Kuala Lumpur, Malaysia**
Designing the future, Porous Solution for Breathable City,
Speaker
- 2015 **Palk Talk** (to advocate for last landplot of green area in Bangkok to become public green space)
The Makkasan Network and Bangkok Art and Culture Center
- Chulalongkorn Centennial Park: Design Thinking & Process**
Department of Urban and Regional Planning, Chulalongkorn University
- Volunteer Spirit Network in Landscape Architecture Profession**
Thai Association of Landscape Architecture (TALA) annual meeting
- Creative thinking Workshop**
Design Business and Technology Management
DBTM, Thammasat University
- 2014 **Role Model on Universal Design Urban Streetscape, Ratchaprasong Intersection**
Key speaker at press conference hosted by Bangkok Metropolitan Administration, The Association of
Siamese Architects Under Royal Patronage (ASA), Thai Health Organisation
- 2006 **Work Sessions in the Kibera Slums of Nairobi: Understanding Landscape Solutions to
Marginalized Communities (with Kounkuey Design Initiative)**
Center for Technology and Environment, Graduate School of Design, Harvard University

Related Publication

2018

World Economic Forum

Bangkok is sinking. Here's how a new park can protect the city from flooding

https://www.weforum.org/agenda/2018/09/bangkok-has-created-a-sponge-park-to-combat-future-flooding?utm_source=Facebook%20Videos&utm_medium=Facebook%20Videos&utm_campaign=Facebook%20Video%20Blogs

Ideas.TED.com, USA

When Bangkok floods (and it floods a lot), this park does something amazing

<https://ideas.ted.com/when-bangkok-floods-and-it-floods-a-lot-this-park-does-something-amazing/>

Forbes

How Architecture Is Tackling Increasing Floods From Climate Change

<https://www.forbes.com/sites/neilyeoh/2018/03/05/how-architecture-is-tackling-increasing-floods-from-climate-change/#6b8de8c1292f>

Sueddeutsche, Germany

Homemade Katastrophen brauche selbststänneg Léisungen

<https://www.sueddeutsche.de/kultur/stadtplanung-selbstgemachte-katastrophen-brauchen-selbstgemachte-loesungen-1.4025649>

Tages Anzeiger, Switzerland

Die poröse Stadt (The Porous City)

How to prepare megacities for climate change and extreme weather conditions?

The example Bangkok shows: It is only with nature, not against it.

<https://m.tagesanzeiger.ch/articles/29088201>

The Fast Company, USA.

The World Changing Idea: This new park is designed for a future of flooded cities

<https://www.fastcompany.com/90219984/this-new-park-is-designed-for-a-future-of-flooded-cities>

Business Insider

Bangkok is sinking, so it built a park that holds a million gallons of rainwater to help prevent flooding

https://www.businessinsider.com/bangkok-park-holds-a-million-gallons-of-rainwater-to-prevent-flooding-2018-7?utm_content=bufferace93&utm_medium=social&utm_source

Landscape Middle East, United Arab Emirate

Bangkok 's Newest Ecological Urban Park

The Courier, Japan

<https://courier.jp/news/archives/135926/>

City Green, Singapore

Centre for Urban Greenery and Ecology

Nature for Urban Minds: Project Feature

Q daily, China

A Thai architect, and her urban green space to solve the flood problem in Bangkok

<http://www.qdaily.com/articles/52055.html>

Archinet

Porous interventions to adapt to increasing floods in Bangkok

<https://archinect.com/news/article/150053020/porous-interventions-to-adapt-to-increasing-floods-in-bangkok>

Bangkok Post, News

Bangkok's secret weapon in war against floods

<https://www.bangkokpost.com/news/special-reports/1346526>

- 2015** **Bangkok Post, the world window of Thailand**
Urban, yet green
<http://www.bangkokpost.com/print/585753/>
- Reading landscapes, Windows into the mind of a thoughtful architect.**
Bangkok 's post, Lifestyle, Muse.
<http://www.bangkokpost.com/print/612348/>
- Chilling out on a green roof. The Nation, Life**
<http://www.nationmultimedia.com/life/Chilling-out-on-a-green-roof-30261697.html>
- Siam Green Sky has opened their largest Rooftop Garden Asia Green Building, News.**
<http://www.asiagreenbuildings.com/9848/thailand-siam-green-sky-has-opened-their-largest-rooftop-garden/>
- Clinical Rehabilitation**
 Creative Art Therapy to enhance rehabilitation for stroke patient: A randomised control trial
<https://www.ncbi.nlm.nih.gov/pubmed/26396163>
- Garden Legacy, Design Workshop. Inc. publication**
New Gardens of American West, Design Workshop. Inc. publication

Selected Projects (Practicing as lead project landscape architect)

- 2018** **Ladparo Canal Community**
 Community replacement, Low-income housing along canal, the floodplain of Bangkok
- Chulalongkorn University Bicentennial masterplan**
- Praprokkul Green Pedestrian Bridge.**
 Adaptive- reuse the wasted transportation infrastructure to green pedestrian bridge.
- 2017** **Chulalongkorn Centenary Park and Avenue, Bangkok**
Park as Green infrastructure for climate resilience solution and detention area for the city.
First prize award winner for complete construction.
- Smart city for Thummasat university**
- The Princess Sinrindhorn, The Healing Roof Garden, The Ramathibodhi Hospital**
The biggest green roof for healing garden in Government Hospital
- 2016** **Temple at Wat Chollapratarn Rangsarit, Nonthaburi, Thailand**
Planning and landscape design for royal temple as a showcase template for developing green space planning for temples
- 2015** **Thailand Pavilion, Expo 2015, Milan**
National architecture representation in the theme of agricultural roots of Thai identity
- 2014** **Siam Green Sky: the urban agriculture leaning center, Bangkok**
The biggest urban agricultural green roof in Thailand
- Public Space/Universal Design for Ratchaprasong Intersection, Bangkok**
Reclaiming the universal design for Ratchaprasong walking street
- The Siam Square Street Art, The biggest Public art event, Bangkok**
The biggest outdoor museum in Bangkok, graffiti art event for urban revitalisation.
- 2013** **The Pool of Happiness, Bangkok School for the Blind**
Swimming pool for foundation for the blind in Thailand