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#### A Vision of Sustainability with focus on Water

3 - 5, December 2015

IDC, IIT Bombay, Mumbai, India



# Speaker Presentations:

The following are the full papers accepted for presentation during the Cumulus Mumbai 2015: 'In a planet of our own - a vision of sustainability with focus on water' international conference held from 3rd - 5th December 2015 at the Industrial Design Centre(IDC), IIT Bombay.

ISBN 978-81-931260-1-1 IDC, IIT Bombay Publications, December 2015

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## Sustainability and Architecture:



## Sustainability, Education and Design Theory:

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Kimberly Guthrie, Virginia Commonwealth University School of the Arts, US Inspired by a crisis: fashion design addresses water depletion and scarcity:...... (assets/papers/Kimberly Guthrie - Cumulus Mumbai 2015.pdf)



## Sustainability and Design Management:



## Sustainability and Product Design:

Arushi Singh and Sharmistha Banerjee, Department of Design, Indian Institute of Technology Guwahati, India

Hari Kara, MIT Institute of Design, India



## Sustainability and Social Design/Environment:

Beena Patel and Pankaj Patel, Abellon CleanEnergy Limited, India Agro-electric model: a sustainable solar plant with dual use of land and water for energy and food David LHôte, Lola CORRE and France Philippe Dandin, Strate École de Design, France The VIADUC project: innovation in climate adaptation through design:... [assets/papers/Lola Corre-Cumulus Mumbai 2015.pdf) Ding Shiyao and Gu Ping, School of design Jiangnan University, China Adaptability research of creation in the context of local ecology - based on the example of hearth in Francesca Benedetto, IED, Istituto Europeo di Design, Italy Howard Fenwick, University of Northumbria, UK Cumulus Mumbai 2015.pdf) Juan Pablo Aschner, Universidad de los Andes, Colombia (assets/papers/Juan Pablo Aschner - Cumulus Mumbai 2015.pdf) Lorella Di Cintio, Ryerson University, Canada Mathilda Tham, Linnaeus University, SwedenFostering Effective Models for Social Beyond Consumption – how can design intervene at the level of paradigms to transform our relationships 2015.pdf) Matthew Bradbury, Department of Landscape Architecture, New Zealand (assets/papers/Matthew Bradbury - Cumulus Mumbai 2015.pdf)

Nisha Pandey and Deepti Sharma, Vivekanad Education Society Institute of management, Chembur, Mumbai, India (assets/papers/Nisha Pandey - Cumulus Mumbai 2015.pdf) Sarah Tranum, OCAD University, Canada Designing sustainable clean water solutions using women's livelihood generation and empowerment 2015.pdf) Sigrun Birgisdottir, Iceland Academy of the Arts, Iceland Mumbai 2015.pdf) Lars-Henrik Stahl and Jasjit Singh, Lund University, Department of Architecture and Built Environment, Sweden Sustainability and Urban Design: Anders Brix, The Royal Danish Academy of Fine Arts, School of Architecture, Denmark Mumbai 2015.pdf) An Huajuan and Li Minchuan, Ningbo University (NBU), China Sustainable design and recycle of water resources in civil building:... (assets/papers/An Huajuan-Cumulus Mumbai 2015.pdf) Anshu Gupta and Ms. Nidhi Nayyar, Amity University, India (assets/papers/Nidhi Nayyar - Cumulus Mumbai 2015.pdf) Charles Michalsen and Per Erik Larsen Insa Hollenberg Ashley Boot, Bergen Academy of Art and Design, Norway 

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Kiersten Nash and Zachary Kaiser, Public Works Collaborative, US [Un]Learning from the ground, up: a dialectical approach to sustainability:..... (assets/papers/Kiersten Nash - Cumulus Mumbai 2015.pdf)



#### Sustainability and Visual Communication:

Remi Leclerc and Wong Chin Chin, School of Design, The Hong Kong Polytechnic University, Hong Kong



## Best Paper Awards:

Howard Fenwick, University of Northumbria, UK Cumulus Mumbai 2015.pdf) Mariana Amatullo and Penny Herscovitch, Art Center College of Design, US (assets/papers/Mariana Amatullo - Cumulus Mumbai 2015.pdf) Massimo Santanicchia, Iceland Academy of the Arts, Iceland 2015.pdf) Matthew Bradbury, Department of Landscape Architecture, New Zealand (assets/papers/Matthew Bradbury - Cumulus Mumbai 2015.pdf)

## International Speakers:

Agnese Pallaro and Silvia Barbero, Politecnico di Torino, Italy (assets/papers/Silvia Barbero - Cumulus Mumbai 2015.pdf)

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Bernagozzi Anna, ENSAD Paris, France

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Charles Michalsen and Per Erik Larsen Insa Hollenberg Ashley Boot, Bergen Academy of Art and Design, Norway

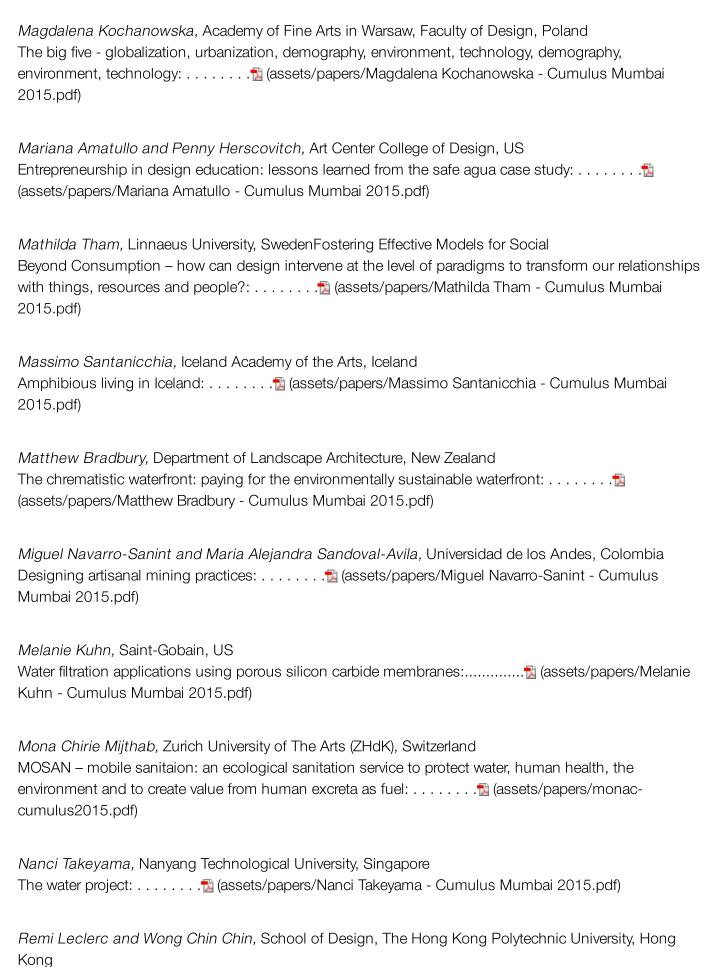
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Cumulus Mumbai 2015.pdf) Francesca Benedetto, IED, Istituto Europeo di Design, Italy The Island of the lakes: . . . . . . . . . . . . . . . . . . (assets/papers/Francesca Benedetto - Cumulus Mumbai 2015.pdf) Howard Fenwick, University of Northumbria, UK Cumulus Mumbai 2015.pdf) Juan Pablo Aschner, Universidad de los Andes, Colombia (assets/papers/Juan Pablo Aschner - Cumulus Mumbai 2015.pdf) Juliette Ospina Bernal and María de los Ángeles González Pérez, Universidad de los Andes, Colombia Karina Vissonova, The Royal Danish Academy of Fine Arts, Schools of Architecture, Design and Conservation, Denmark (assets/papers/Karina Vissonova - Cumulus Mumbai 2015.pdf) Kiersten Nash and Zachary Kaiser, Public Works Collaborative, US Nash - Cumulus Mumbai 2015.pdf) Kimberly Guthrie, Virginia Commonwealth University School of the Arts, US Guthrie - Cumulus Mumbai 2015.pdf) Lars-Henrik Stahl and Jasjit Singh, Lund University, Department of Architecture and Built Environment, Sweden Laura Korculanin, Ana Margarida Ferreira and Carlos Barbosa, ID:CoLab; UNIDCOM/IADE, Portugal Toilet innovation and water management – revolutionary steps for a green society and wellbeing: . . . . . . . . [assets/papers/LauraCumulusMumbai2015.pdf]

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Sara Bergamaschi and Lucia Rampino Sara, Politecnico di Milano, Italy Engaging users through dynamic products for promoting water saving in a domestic environment: . . . . . . . . 1 (assets/papers/Sara Bergamaschi - Cumulus Mumbai 2015.pdf) Sara Hylten-Cavallius, Department of Design, Linnaeus University, Sweden Sarah Tranum, OCAD University, Canada Designing sustainable clean water solutions using women's livelihood generation and empowerment 2015.pdf) Sigrun Birgisdottir, Iceland Academy of the Arts, Iceland Mumbai 2015.pdf) Synne Skjulstad and Margaret Rynning, Westerdals Oslo ACT, Norway Graphic design speculations: teaching visual identity for water sustainability within a speculative design National Speakers: Anshu Gupta and Ms. Nidhi Nayyar, Amity University, India (assets/papers/Nidhi Nayyar - Cumulus Mumbai 2015.pdf) Avinash Raipally and Ms. Agrima Agarwal, National Institute of Fashion Technology, Hyderabad, India (assets/papers/Avinash Raipally - Cumulus Mumbai 2015.pdf) Balaram S., D.J Academy of Design, India Beena Patel and Pankaj Patel, Abellon CleanEnergy Limited, India Agro-electric model: a sustainable solar plant with dual use of land and water for energy and food Hari Kara, MIT Institute of Design, India

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Jaspal Kalra and Vandana Bhandari, National Institute of Fashion Technology, New Delhi, India Kalra - Cumulus Mumbai 2015.pdf) Kalika Sharma and Pankhuri Jain, Institute of Customer Experience, India Scenarios of sustainable water use in the garment manufacturing and beverage industries in 2030: . . . . . Madhu Kelkar, HR College of Commerce and Economics, Churchgate, India Sustaining the hydraulic empire: Vihar and the saga of piped water supply management in Bombay city. Nisha Pandey and Deepti Sharma, Vivekanad Education Society Institute of management, Chembur, Mumbai, India (assets/papers/Nisha Pandey - Cumulus Mumbai 2015.pdf) Saurabh Tewari, School of Planning and Architecture, Bhopal, India Cumulus Mumbai 2015.pdf) Vishaka Agarwal, Natioanl Institute of Fashion Technology, Bhopal, India Cumulus Mumbai 2015.pdf) Vivekanand Tiwari and Ritu B. Rai, Central University of Rajasthan, India Integrated micro watershed management plan for the dynamic evolution of physical development plan of



## Student Speakers:

Arushi Singh and Sharmistha Banerjee, Department of Design, Indian Institute of Technology Guwahati, India

Juneza Niyazi V M and Nandita, R V College of Architecture, India Urban Bishti : an architectural memoir of water systems:
Massoud Shamaeezadeh, Tsinghua university, China Sustainability analysis of the Mohammadabad water mill, central Iran, Safavid era (17th century):
Nong Limei, Tsinghua University, Beijing, China A research of waterscape regulation on microclimate of traditional human settlements:
Spruha Pradipkumar Chokshi, CEPT University, Ahmedabad, India A framework for sustainable ground water reserves in Ahmedabad:
XU, Jiang, School of Design, Jiangnan University, China The knowledge creation of product design: the foundation of green product design: