



## Leonard Ortolano

UPS Foundation Professor of Civil Engineering in Urban and Regional Planning, Emeritus

Civil and Environmental Engineering

### CONTACT INFORMATION

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### Bio

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#### BIO

Ortolano is concerned with environmental and water resources policy and planning. His research stresses environmental policy implementation in developing countries and the role of non-governmental organizations in environmental management. His recent interests center on corporate environmental management.

#### ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Civil and Environmental Engineering
- Affiliate, Precourt Institute for Energy
- Affiliate, Stanford Woods Institute for the Environment

#### HONORS AND AWARDS

- Lillian and Thomas B. Rhodes Prize for Excellence in Undergraduate Teaching, Stanford University (1996)
- Eugene L. Grant Award for Excellence in Teaching, Stanford University (2005)
- Fulbright-Hays Research Grants, Rome, Italy, and Paris, France
- Lectureship, National Science Council of the Republic of China
- Visiting professorships, Istituto Universitario di Architettura di Venezia, Dipartimento di Urbanistica, Venice, Italy
- Institut National Polytechnique de Toulouse, ENSEEIHT, Toulouse, France

#### PROGRAM AFFILIATIONS

- Center for East Asian Studies
- Center for Latin American Studies

#### PROFESSIONAL EDUCATION

- PhD, Harvard (1969)

## Publications

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### PUBLICATIONS

- **Rising Seas, Rising Inequity? Communities at Risk in the San Francisco Bay Area and Implications for Adaptation Policy** *Earth's Future*  
Bick, I., Santiago Tate, A. F., Serafin, K. A., Miltenberger, A., Ayansi, I., Evans, M., Ortolano, L., Ouyang, D., Suckale, J.  
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- **When floods hit the road: Resilience to flood-related traffic disruption in the San Francisco Bay Area and beyond.** *Science advances*  
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- **Colonial dynamics limit climate adaptation in Oceania: Perspectives from the Marshall Islands** *GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS*  
Bordner, A. S., Ferguson, C. E., Ortolano, L.  
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- **Managing water-related risks in the West Bengal Sundarbans: policy alternatives and institutions** *INTERNATIONAL JOURNAL OF WATER RESOURCES DEVELOPMENT*  
Sanchez-Triana, E., Ortolano, L., Paul, T.  
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- **Strategy for adapting to climate change and conserving biodiversity in the Bangladesh Sundarbans** *CLIMATE AND DEVELOPMENT*  
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2017; 9 (4): 325-336
- **Urban Growth in China: Evolution in the Role of Urban Planners** *JOURNAL OF PLANNING EDUCATION AND RESEARCH*  
Perlstein, A., Ortolano, L.  
2015; 35 (4): 435-443
- **Effect of company size on potential for REACH compliance and selection of safer chemicals** *ENVIRONMENTAL SCIENCE & POLICY*  
Scruggs, C. E., Ortolano, L., Wilson, M. P., Schwarzman, M. R.  
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- **Cleaner production in Pakistan's leather and textile sectors** *JOURNAL OF CLEANER PRODUCTION*  
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2014; 68: 121-129
- **The entrepreneurship myth in small-scale service provision: Water resale in Maputo, Mozambique** *JOURNAL OF WATER SANITATION AND HYGIENE FOR DEVELOPMENT*  
Zuin, V., Ortolano, L., Davis, J.  
2014; 4 (2): 281-292
- **Factors influencing the technology upgrading and catch-up of Chinese wind turbine manufacturers: Technology acquisition mechanisms and government policies** *ENERGY POLICY*  
Qiu, Y., Ortolano, L., Wang, Y. D.  
2013; 55: 305-316
- **2012 Chester Rapkin Award for Best Planning Paper in Volume 30: "A Tale of Two Sitings: Contentious Politics in Liquefied Natural Gas Facility Siting in California"** *JOURNAL OF PLANNING EDUCATION AND RESEARCH*  
Boudet, H. S., Ortolano, L.  
2013; 33 (1): 120-120
- **Confronting Urban Displacement: Social Movement Participation and Post-Eviction Resettlement Success in Dar es Salaam, Tanzania** *JOURNAL OF PLANNING EDUCATION AND RESEARCH*  
Hooper, M., Ortolano, L.  
2012; 32 (3): 278-288
- **Motivations for slum dweller social movement participation in urban Africa: a study of mobilization in Kurasini, Dar es Salaam** *ENVIRONMENT AND URBANIZATION*

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- Hooper, M., Ortolano, L.  
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- **forthcoming, Confronting Urban Displacement: Social Movement Participation and Post-Eviction Resettlement Success in Dar es Salaam, Tanzania** *Journal of Planning Education and Research*. Published online  
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  - **Motivations for Urban Social Movement Participation in Africa: A Study of Slum Dweller Mobilization in Kurasini, Dar es Salaam** *Environment and Urbanization*  
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  - **Water supply services for Africa's urban poor: the role of resale** *JOURNAL OF WATER AND HEALTH*  
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  - **Creating safer consumer products: the information challenges companies face** *ENVIRONMENTAL SCIENCE & POLICY*  
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  - **Teaching Negotiation in the Context of Environmental Regulatory Enforcement: An Experiential Learning Approach** *Applied Environmental Education and Communication*  
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  - **Water resale to neighbors in Maputo, Mozambique: price, service quality, and user satisfaction** *Journal of Water and Health*  
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  - **Implementing China's national energy conservation policies at state-owned electric power generation plants** *ENERGY POLICY*  
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  - **A Tale of Two Sitings: Contentious Politics in Liquefied Natural Gas Facility Siting in California** *JOURNAL OF PLANNING EDUCATION AND RESEARCH*  
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  - **Constructing carbon offsets: The obstacles to quantifying emission reductions** *ENERGY POLICY*  
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  - **Handbook on Environmental Assessment of Water Quality Management Plans Water Quality and Quantity Assessment.** *was responsible for Chapter 2 entitled*  
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  - **Development of Citizen-Organized Environmental NGOs in China** *VOLUNTAS*  
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  - **Implementing Programmes to Reduce Nitrate Pollution from Agriculture in Brittany, France** *INTERNATIONAL JOURNAL OF WATER RESOURCES DEVELOPMENT*  
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- **Organizational Learning and Environmental Impact Assessment at Colombia's Cauca Valley Corporation** *Environmental Impact Assessment Review*  
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- **Implementing the Montreal Protocol in China: Use of Cleaner Production in Two Industrial Sectors** *Environmental Impact Assessment Review*  
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- **Learning to Design and Implement Environmental Policies: The Case of the Cauca Valley Authority in Colombia**  
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