



The School Research Agenda 2020

Environment and Natural Resource Planning

<ul style="list-style-type: none"> • Impacts of flooding on the built environment and populations 	<ul style="list-style-type: none"> • Challenges to building resilience in complex urban systems
<ul style="list-style-type: none"> • Public-private partnerships to improve local environmental services delivery 	<ul style="list-style-type: none"> • Harmonization of vulnerability-led and impacts-led adaptation approaches
<ul style="list-style-type: none"> • Environmental assessment as a planning tool 	<ul style="list-style-type: none"> • Maladaptation and co-benefit potential of development strategies
<ul style="list-style-type: none"> • Strategic environmental assessment 	<ul style="list-style-type: none"> • Humanitarian logistics management in protracted disaster crisis
<ul style="list-style-type: none"> • Biodiversity conservation in local land use and development planning 	<ul style="list-style-type: none"> • Mapping socio-ecological system thresholds to dangerous climate change
<ul style="list-style-type: none"> • Ecological approach to trans-boundary planning 	<ul style="list-style-type: none"> • Resilient development pathways and Philippine's commitment to COP21
<ul style="list-style-type: none"> • Emergency resource management 	<ul style="list-style-type: none"> • Water resources assessment, planning and management
<ul style="list-style-type: none"> • Logistics capacity assessment 	<ul style="list-style-type: none"> • Integrated water resource management
<ul style="list-style-type: none"> • Global geoparks for sustainable island development 	<ul style="list-style-type: none"> • Land use/Land Cover Change Analysis
<ul style="list-style-type: none"> • Virtual reality application and innovation for sustainable coastal environments 	<ul style="list-style-type: none"> • Spatio-temporal modelling of water quality for planning and management
<ul style="list-style-type: none"> • Sustainable cities, healthy cities and learning cities 	<ul style="list-style-type: none"> • Strengthening synergies between climate change adaptation and mitigation
<ul style="list-style-type: none"> • Sustainable development of urban regions 	

Estate Planning

Focal Areas Topics	Focal Areas Topics
Public Housing	<ul style="list-style-type: none"> • Socialized Housing • Economic Shelter Planning • Resettlement Planning • Public Rental Housing • Public Housing and Land Management <ul style="list-style-type: none"> a. Right-of-Way Acquisition for Government • Infrastructure Projects
Tourism	<ul style="list-style-type: none"> • Ecotourism/Agro-Ecotourism Planning • Retirement/ Leisure Estate Planning • Tourism Planning • Education Tourism Planning • Medical Tourism Planning • Spatial Planning for Culture and the Arts • Heritage Conservation and Planning • Rural Tourism Planning
Special Economic Zones and Free Ports	<ul style="list-style-type: none"> • Agricultural Estates



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	<ul style="list-style-type: none"> • Industrial Parks • Tourism Enterprise/Economic Zones • Business Process Outsourcing • Agro-industrial Economic Zones
Special Use Zones	<ul style="list-style-type: none"> • Government Centers/ Regional Centers Development • Campus Planning • Cultural Development and Heritage Preservation • Sports and Recreation Planning • Government Health Centers Planning
Rural Development/ Agricultural Development	<ul style="list-style-type: none"> • Food Security Planning • Agro-industrialization • Green Agriculture
Urban Development/ Urbanization	<ul style="list-style-type: none"> • Social Development • Urban Financing • Urban Governance
Land, Land Investment and Asset Management	<ul style="list-style-type: none"> • Estate Valuation and Management • Land Administration and Management • Land Governance and Taxation • Highest and Best Use • Land Conversion • Landbanking • Land Resource Financing • Land information System • Land Market Development • Land conflict Management
Other Emerging Topics/ Multi- disciplinary in Estate Planning	<ul style="list-style-type: none"> • Climate Adaptive and Disaster Resilient Settlement • Urban Regeneration • Transit-oriented Developments in Developing City-Regions • Low Carbon Cities • Network of Open Green Spaces • Planning for PWDs • Post-disaster Rehabilitation Planning • Slum Upgrading • Green Urban Design • Participatory Planning/ Community-driven Planning • Sustainable Development Goals • Migration and Development • Gender-sensitive Estate Planning • New Urban Agenda • Informal Settlement Growth and management • Informal Settlements Development • Green Economy • Green Financing • Creative Place-making • Public-Private Partnership • Social Engineering



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	<ul style="list-style-type: none"> • Indigenous Communities • Planning of Smart Cities • Peace and Security Planning
Tools for Estate Planning	<ul style="list-style-type: none"> • GIS Modeling of Human Settlements Development • Smart Technologies and Shared Data, Artificial Intelligence, “Internet of Things” in Planning Smart Cities

Public Works Planning

<ul style="list-style-type: none"> • Public-Private Partnerships and other implementation arrangements 	<ul style="list-style-type: none"> • Risk analyses
<ul style="list-style-type: none"> • Funding infrastructure projects 	<ul style="list-style-type: none"> • Exit strategies for old/ obsolete public work projects: planning for reuse, recycling and disposal

Transportation Planning

<ul style="list-style-type: none"> • Public transport supply and demand 	<ul style="list-style-type: none"> • Humanitarian Logistics
<ul style="list-style-type: none"> • Inter-island travel demand 	<ul style="list-style-type: none"> • Intelligent Transport System (ITS)
<ul style="list-style-type: none"> • Mobility in cities 	<ul style="list-style-type: none"> • Urban Traffic Management and Control Systems (UTMC)
<ul style="list-style-type: none"> • Non-motorized transport 	<ul style="list-style-type: none"> • Rural Transport Planning
<ul style="list-style-type: none"> • International, regional, sub-regional, city logistics 	<ul style="list-style-type: none"> • Environmental Sustainable Transport
<ul style="list-style-type: none"> • Low-carbon transport systems 	<ul style="list-style-type: none"> • Traffic Demand Management
<ul style="list-style-type: none"> • PPP modalities for transport system development 	<ul style="list-style-type: none"> • Transport Systems Management
<ul style="list-style-type: none"> • Regulation and integration potentialities of informal transport systems 	<ul style="list-style-type: none"> • Active Transport
<ul style="list-style-type: none"> • Traffic management patterns, challenges & opportunities: impact to policy, design, governance 	

Cross-cutting Topics

<ul style="list-style-type: none"> • SDGs 	<ul style="list-style-type: none"> • Socio-cultural intricacies
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