

MEGACITY Project at Humboldt University Berlin
“Climate and Energy in a Complex Transition Process towards
Sustainability in Hyderabad”

Topics for PhD Dissertations and Master Theses

PhD Topics

- The Political Feasibility of Governance Reforms in an Emerging Megacity
- Institutional Analysis of Urban Administrative Structures Governing Natural Resources and Environmental Pollution
- The Political Economy of Bureaucratic Choice in a Megacity: What policy preferences shape the structure of administrative structures
- Networks and Social Capital in the Environmental Policy Domain
- Resource Economics and Environmental Governance in the Megacity’s Educational System: Is investment in learning sufficient to change the situation?
- Governance of Land conversion in Hyderabad and Peri-urban Areas
- Civil Society in Hyderabad: Its role in climate, energy, pollution and environmental policy
- Understanding Ethnic Conflicts in Hyderabad
- Urban Pollution and Rent-seeking: Actors, incentives and dilemmas in a megacity
- Urban Pollution from Industry, Household and Traffic: Understanding the lack of shared responsibility by a game-theoretic approach
- The Role of Political Parties and Political Organisations in Governing or Non-governing the Resource Degradation and Environmental Pollution Processes
- Accountability, Liability and Monitoring: Coherent Implementation of Responsibilities or “a game of gaps”?
- What do Slum Inhabitants and the Urban Poor Think about Pollution, Polluters and Environmental Policy Actors: Is there any Trust?
- Coherent Strategies towards Overall Pollution Control: How to achieve political and economic commitment for organized pollution abatement in a megacity
- Air Pollution and Greenhouse Gases from Traffic: Is a rational policy impossible?
- Adaptation to Climate Change: How are entitlements and obligation institutionally allocated to social groups, economic sectors, and political actors
- Climate Change Mitigation: Can a megacity use international support and agreements?
- Food Chains and Climate Change: Revealing the main relationships

- Bioenergy and Food Provision: potential rivalry and institutional constraints required
- Analysis of Market Potential and Government Policy for Renewable Energy
- Climate Change, Energy and Public Health
- A Transaction Cost Perspective on the Governance of the Power-sector in a Megacity
- Energy Efficiency Technologies: Rules and organization of supply side management
- Energy Efficiency: institutional causes in the corporate or public governance of the Megacity's energy provision system?
- Food Security and Bio-fuels in Hyderabad Region: The relevance of property rights in land and subsistence agriculture
- Institutional and Governance Reform in Energy Regulation and Provision in a Megacity
- Institutional Approaches to Reducing Energy Insecurity I: Consumer cooperatives
- Institutional Approaches to Reducing Energy Insecurity II: Can companies learn to organize?
- The Role of Management Import for Improving Efficiency and Security in Energy Use
- Institutional Design Enabling Resource-saving Behavioural Changes: Experimental economics and field experiments
- Institutional Prerequisites for Reinforcement Investment in Sanitation: Wastewater, slums, poverty and perverse incentives
- Citizen's Governance: Participatory governance in waste and sewage management
- Low Energy Efficiency: institutional causes in corporate or public governance?
- The Political Economy of Free Rural Power Supply for Water Use
- Small business networks: Self-managing countervailing power
- Multi-functional Neighbourhood Centers as Integrative Institutions
- The Role of Kirana-Shops for Local Food Security in Hyderabad
- Water Crises in a Megacity: Why are costly technical solutions preferred to profitable institutional solutions?
- Water Use Efficiency: revealing the institutional failures and perverse incentives
- Waterborne Diseases: Can polluters be held responsible?
- The Role of Foreign Donors and Development Cooperation Projects in Hyderabad and Andhra Pradesh
- Resource-saving Behaviour: Experimental economics and field experiments

Topics for Master Theses

- Institutions and Governance Structures of Pollution Control in an Emerging Megacity: the Case of Hyderabad
- Energy Provision, Consumption and Efficiency in Hyderabad
- Relationship between Food and Energy Security: the Case of Hyderabad Region
- Reasons for Water Resource Depletion in Urban and Sub-urban Areas of Hyderabad
- Sewage Treatment Policy and Water Pollution in greater Hyderabad
- Industrial Pollution Abatement Strategies in Hyderabad
- The Concept of Equal-Industrial-Estates: Concept, Implementation and Evaluation
- Traffic, Transport, Mobility and Pollution in Region of Hyderabad
- Water Policy and Related Incentives regarding Energy Consumptions and Climate Effects in the Region of Hyderabad
- Energy Security for Poor Households: Implications for Food and Health
- Household Gas: Markets and Changes in Preferences with Special Reference to the Middle Class in Hyderabad
- Land Conversion: Administration, Environmental and Social Impact
- Cooperatives for Increasing Transition Efficiency of Electricity
- New Models of Franchising for Cooperative Growth Race (Kerala-Shops)
- Decentralised Management of Electricity by Consumer Cooperatives
- Energy Security by Cooperation of Poor Consumers
- Regulatory Framework of Energy Markets in Andhra Pradesh: Analysis of Market Efficiency
- Welfare Analysis of the Restructuring of Energy Markets in Andhra Pradesh
- Requirements for Improvements of Energy Efficiency in Hyderabad
- Effects of Decentralizing Power Generation on Energy Efficiency
- Implications of National Energy Regulation Schemes on Power Production and Transmission in Hyderabad
- Cooperatives for Increasing Transition Efficiency of Electricity
- New Models of Franchising for Cooperative Growth Race (Kirana-Shops)
- Decentralised Management of Electricity by Consumer Cooperatives
- Energy Security by Cooperation of Poor Consumers
- Improvements of Energy Efficiency through Consumer Cooperatives
- Rural-urban Relations Regarding Adaptation to Climate Change