

DM514 Financing for Disaster Risk Reduction (DRR)

(3-0-0-6)

Course Content

Disasters and the macroeconomy: Economic structure and natural hazards, factors determining vulnerability, macroeconomic impact of disasters, hazard information as a public good; Disaster risk finance (DRF): understanding DRF, fiscal impact of natural hazards, differentiating between financing for disaster risk and financing for climate change adaptation (CCA), DRF in affluent countries and less affluent countries; Financial management of disaster risks: Budgetary systems, fiscal space, funds allocation and distribution, international finance, role of civil society; Disaster risk assessment: economic and financial dimensions of disasters, quantification of disaster risks, methodological framework for risk assessment and risk financing, post-disaster impact assessment; Disaster risk financing tools: Disaster risk transfer mechanisms, forms of disaster insurance, microinsurance, insurance for developing countries versus developed countries, public support for disaster insurance, involvement of insurance in different steps of DRR, insurance implementation challenges; International commitments to DRR and DRF; Policy options for governments.

Text/ References

1. I. Pal and R. Shaw (eds), **Disaster Risk Governance in India and Cross Cutting Issues**, Springer Singapore, 2018.
2. OECD, **Disaster Risk Financing: A Global Survey of Practices and Challenges**, OECD Publishing, 2015.
3. I. Kelman, J.C. Gaillard, J. Mercer (eds.), **The Routledge Handbook of Disaster Risk Reduction Including Climate Change Adaptation**, Taylor and Francis, 2015.
4. J.D. Cummins, O. Mahul, **Catastrophe Risk Financing in Developing Countries: Principles for Public Intervention**, World Bank, 2009.
5. S. Baas, **Disaster Risk Management Systems Analysis: A Guide Book**, Food and Agriculture organization of the United Nations, 2008.
6. E.J. Clay, **Understanding the Economic and Financial Impacts of Natural Disasters**, World Bank, 2004.