



VIU Summer School Critical Infrastructure Resilience



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Erdem Ergin is Professor at **the Faculty of Economy of University of Rome "Tor Vergata"**. He is also a disaster risk management consultant for the **World Bank** and the climate resilience advisor for **UNDP in Turkey**. His work focuses on critical infrastructure resilience, business continuity, urban and system resilience solutions. His work combines system theory (the root of resilience) with design thinking. Some of his most recent work include: climate change impact analysis for thermal power plants, critical infrastructure risk assessment (energy and transport), lifeline utility business continuity planning, key agricultural product risk assessment, urban climate change adaptation plans, post disaster need assessment in the Balkans (2014) and Niger (2016). Previous to his current positions, he worked in the US on local capacity building, in Niger and Burkina Faso on hydro-meteorological early warning systems, and was based 7 years in Haiti working for UNDP and the World Bank on preparedness and response operations and post –disaster recovery (following major hurricanes and the 2010 Earthquake) and capacity building in disaster risk management. His work combines system theory (the root of resilience) with design thinking. Native of Turkey, he holds an M.Sc. on System Engineering from George Washington University and a M.Des. on Risk and Resilience from the Graduate School of Design of Harvard University

