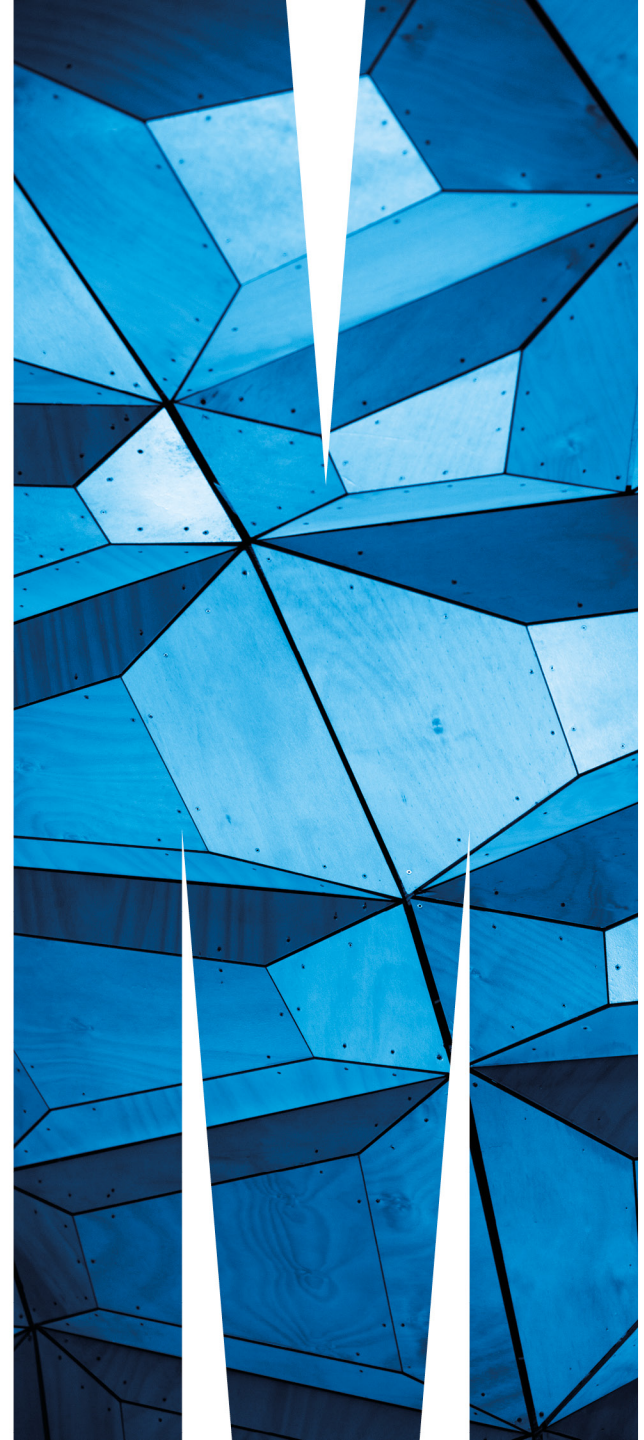


Business Schools and the Sustainable Development Goals: Curriculum, Research and Impact

Associate Professor Gaurav Datt

Centre for Development Economics and Sustainability



MISSION AND VALUES

- Mission

- *Monash Business School engages in the highest quality research and education to have a positive impact on a changing world*

- Values

- Uphold the values of human rights, social justice, and respect for diversity in individuals, communities and ideas
- Upholding the principles for responsible management education and effective global citizenship

- Reflected in the KPIs and position descriptions of the senior management team

- Continuing Education Excellence Development (CEED) Program
 - Professional development module for faculty to understand and integrate the SDGs
 - One of a series of professional development modules faculty can undertake (required to complete three per year)
- Specialist degree offerings
 - Sustainability specializations at undergraduate and graduate level
 - Sustainability major in Bachelor of Commerce
 - Master of Environment and Sustainability,
 - Multidisciplinary program offered with Faculties of Science and Arts, and Monash Sustainable Development Institute
 - Master of International Development Practice
- PhD program

EDUCATION – SDGs INTEGRATED THROUGH SUBJECTS

- Sustainability and the SDGs integrated through all programs
 - Dedicated subjects
 - Accounting for sustainability; Business ethics in a global environment; Climate change and carbon management strategies; Corporate governance; Corporate social responsibility; Cross-cultural management communication; Economics of climate change; Economics of developing countries; Managing diversity and inclusion; Prosperity, poverty and sustainability in a globalized world; Sustainability regulation; Sustainable operations and supply chain management
 - Applied through activities and assessment
 - E.g. Data analysis; Economic development; Issues in global business; Sustainability strategy for contemporary organizations; Leadership theory and practice

EXTRA CURRICULAR AND CAPSTONE STUDENT EXPERIENCES

- **Green Steps training and internship**
 - Celebrating 16 years of delivering hands-on training and sustainability immersion for students locally and internationally
 - Six day training workshop
 - on-campus sustainability project
 - 15-day internship in a professional organization addressing sustainability issues
- **Take One Step**
 - Online interactive social media ‘game’ to create awareness of, and introduce students to the SDGs and relevance to business
- **Sustainability Practice and Organization**
 - Undergraduate capstone subject
 - Students engage with business to solve real world sustainability problems

RESEARCH AND IMPACT

- World-leading research centers
 - Centre for Health Economics
 - Centre for Development Economics and Sustainability
- Particular specializations:
 - Disaster recovery; impacts of child obesity; poverty reduction and social justice; food security; discrimination in the workplace; OH&S indicators
- Government capacity building through leadership training
 - DFAT funded Australia Awards Fellowships
 - Collaboration with Sri Lanka Institute of Development Administration (SLIDA)
 - Areas of focus have included:
 - Leadership skills development for public officials; developing research capacity for sustainable development; Capacity development for SMEs; Women entrepreneurship to develop micro-businesses

RESEARCH AND IMPACT: A CASE STUDY



How the
Centre For Development
Economics and
Sustainability is
supporting the SDGs

INCREASING RICE YIELDS IN BANGLADESH



- Associate Professor Asad Islam is conducting the world's first controlled System of Rice Intensification (SRI) trial in Bangladesh, involving 3000 farmers in 180 villages



- The SRI methodology has been shown to increase rice yields, raise farmers' incomes, reduce water usage, improve soil quality, increase carbon sink activity and reduce emissions



- So far, farmers have achieved a 20-30% increase in production, substantially improving rice productivity in Bangladesh

MAPPING HURRICANE IRMA'S IMPACT USING REAL-TIME INTERNET ACTIVITY



- Associate Professors Simon Angus and Paul Raschky used hourly changes in the online / offline activity of 401,682 IP-addresses at over 4000 unique locations to map the impact of Hurricane Irma on ICT infrastructure in the Caribbean and Florida



- This data has the potential to provide first responders with valuable information about the impact of natural disasters on communities as they unfold



DEVELOPING WATER SENSITIVE CITIES IN AUSTRALIA



- Monash University is a principal member of the Cooperative Research Centre for Water Sensitive Cities (CRCWSC), which unites universities, industry and government to revolutionize urban water management in Australia and overseas



- As part of this work, Professor Lata Gangadharan, Dr Anke Leroux and Associate Professor Paul Raschky have led projects to determine the optimal portfolio of urban water supply sources, measure the public's willingness to pay for stormwater harvesting, and identify the most effective policy mix to promote the uptake of water-sensitive practices



MEASURING MULTIDIMENSIONAL POVERTY IN THE MYANMAR AND THE PHILIPPINES



- Associate Professor Gaurav Datt is leading a World Bank team in collaboration with the statistical authorities in Myanmar and the Philippines

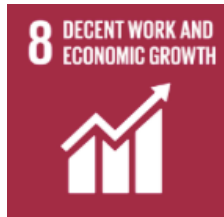


- Together they are developing the countries' first ever multidimensional measures of poverty, while also strengthening the capacity of local institutions



- The poverty measures will provide governments and civil society with a deeper understanding of deprivation in these countries, equipping them to take more targeted action to alleviate it

FOSTERING RESEARCH AND COLLABORATION



- The CDES regularly hosts public lectures, seminars and workshops to raise awareness of, and encourage knowledge-sharing about, environmental management and sustainable development-related issues



- These include:
 - A public lecture by Paris School of Economics Professor Thomas Piketty on the evolution of wealth inequality in October 2016
 - A public lecture by former World Bank Chief Economist Professor Kaushik Basu on the global economy and conditions for labour in November 2016
 - The annual Workshop on Sustainable Development, held each June in Prato, Italy
 - The annual Environmental Economics Workshop, held each December in Melbourne, Australia

