

SFC 研究所所長 殿

SFC 研究所ラボトリ年次活動実績報告書（2020年度）

ラボ名称	日印研究・ラボ（India Japan Laboratory (IJL)）				
ラボ代表者	氏名	ショウ ラジブ	所属	政策・メディア研究科	
ラボ設置期間	2019年12月1日			～	2022年11月30日
				3	年間

構成メンバー（提出時点）		
氏名	所属・職位	役割
Rajib Shaw	政策・メディア研究科・教授	environment, disaster, SDG, climate change, ST policy and application
Satoko Oki	環境情報学部・准教授	earthquake risk reduction, disaster education
Jun Murai	大学共通（三田）・教授	internet, cyber security, technology development
Hiroya Tanaka	環境情報学部・教授	community-based solutions with new technologies, fabrication lab
Kazuto Ataka	環境情報学部・教授	data science, industry/ business/ research and people development in AI and data age
Rodney D. Van Meter	環境情報学部・教授	Quantum computer architecture and quantum networking
Yuka Kataoka	Doctorate student	Education
Vibhas Sukhwani	Doctorate student	SDG, environment and DRR
Mika Kunieda	総合政策学部専任講師	Public health
Kotaro Kataoka	Associate Professor, IIT Hyderabad	internet architecture, SDN, block chain
Yukio Takeyari	NASSCOM Japan Council	Industry relation
Patrick Savage	環境情報学部・准教授	comparative study of world music
Akiko Kato	Lecturer and Doctorate Student	Yoga and SDGs
Kazuaki Ohashi	The Yoga Organization of Japan	Advisor

年次活動実績報告
研究活動報告 （設置申請書、継続申請書の研究活動計画と対比するように記載してください。）
<p>1. Course on Culture, Environment & Technology of India A new course on 'Culture, Environment and Technology of India' has been started in Keio University from the Spring Semester 2020, wherein eminent guest faculties are invited to share their practical knowledge and experience. More than 115 students registered for the first batch of this course, and the beginning of this course was marked in presence of Mr. Raj Srivastava, Deputy Chief of Mission, Embassy of India in Japan. For details, see: https://indiajapanlab.org/wp1J/wp-content/uploads/2020/11/Coursework-Compilation-for-India-class.pdf</p>
研究成果（学術論文、著作物、メディア露出等）
<p>Journal paper:</p> <ol style="list-style-type: none"> 1. Bajwa S., Dabral A., Chatterjee R. and Shaw R. (2021): Co-Producing Knowledge Innovation through Thematic Incubators for Disaster Risk Reduction and Sustainable Development in India, Sustainability, 2021, 13, 2044. https://doi.org/10.3390/su13042044 2. Kato A. and Shaw R. (2020): Yoga and stress management during and post COVID-19 urban lifestyle in Japan, Asian Journal of Complementary and Alternative Medicine, Volume 8, Issue 3, 48-54 3. Sukhwani V. and Shaw R. (2020): A Water-Energy-Food Nexus-Based Conceptual Approach for Developing Smart Urban-Rural Linkages in Nagpur Metropolitan Area, India, In Journal of Integrated Disaster Risk Management, 10 (1): DOI 10.5595/001c.1118539 4. Chatterjee R., Bajwa S., Dwivedi D., Kanji R., Ahammed M., and Shaw R. (2020): COVID-19 risk assessment tool: dual application of risk communication and risk governance, in Progress in Disaster Science, http://dx.doi.org/10.1016/j.pdisas.2020.100109 5. Sukhwani V., Deshkar S. and Shaw R. (2020): COVID-19 lockdown, food systems and urban rural partnership: Case of Nagpur, India, in International Journal of Environmental Research and Public Health, 17, 5710; doi:10.3390/ijerph17165710 6. Mohanty S., Chatterjee R. and Shaw R. (2020): Building resilience of critical infrastructure: a case of impacts of cyclones on the power sector in Odisha, in Climate, 2020, 8, 73; doi:10.3390/cli8060073 7. Sukhwani V and Shaw R. (2020): Operationalizing crowdsourcing through mobile application for disaster management in India, in Progress in Disaster Science, (2020) 100052 8. Mukherjee M., ..., Shaw R. (2020): Ecosystem-centric business continuity planning (eco-centric BCP): a post COVID-19 new normal, in Progress in Disaster Science, 7 (2020) 100117 9. Sukhwani V., Thapa K., Shaw R., Deshkar S., Mitra B. and Yan W. (2020): Addressing Urban-Rural Water Conflicts in Nagpur through Benefit Sharing, Water, 12, 2979; doi:10.3390/w12112979 10. Sukhwani V., Shaw R., Deshkar S., Mitra B., Yan W. (2020): Role of Smart Cities in Optimizing Water-Energy-Food Nexus: Opportunities in Nagpur, India, Smart Cities 2020, 3(4), 1266-1291; https://doi.org/10.3390/smartcities3040062 <p>Report Thapa, K., Sukhwani, V., Harshitha, N., Deshkar, S., Mitra, B.K., Shaw, R. and Yan, W. 2020. Building Resilient Cities through Urban-Rural Partnership, Applying Regional-Circular & Ecological Sphere (R-CES) perspectives in Nagpur, India: VNIT. pp 25.</p>