

## SCIENTIFIC CURRICULUM VITAE

### 1. Personal details

1	Full name	Rajib Shaw	Year of birth	07/07/1968	Male <input checked="" type="checkbox"/> ; Female <input type="checkbox"/>
	Academic title	Prof	Administrative position	Prof	
2	Institution and address	Keio University, Japan. Minato, Tokyo, Japan			
	Department	Graduate School of Media and Governance			
3	Telephone	090-9955-3416	Mobile		
	Fax		E-mail ( <i>Registered on the OMS system, if available</i> )	rajib.shaw@gmail.com	

### 2. Qualifications:

Year	Academic Institution	Major	Academic degree
1989-1991	Burdwan University, India	Earth and Environment Sciences	Bachelor
1991-1993	Allahabad University, India	Earth and Environment Sciences	Master
1995-1997	Yokohama National University, Japan	Earth and Environment Sciences	Master
1997-2000	Osaka City University	Japan Earth and Environment Sciences	Doctor

### 3. Personal experience:

Year	Institution	Address	Position
4/2004-03/2017	Kyoto University, Japan	Yoshida-honmachi, Sakyo-ku, Kyoto 606-8501 JAPAN	Professor
1996 - 2006	College of Humanities and Social Sciences, Ibaraki University	Mito-city, Ibaraki-prefecture, Japan	Associate Professor
07/2016-03/2017	International Council of Science (ICSU)	5 Rue Auguste Vacquerie, 75116 Paris, France	Executive Director

08/2000-03/2004	Earthquake Disaster Mitigation Research Center (EDM) National Research Center for Earth Sciences and Disaster Prevention (NIED)	Miki, Japan	Researcher
11/1999-03/2004	United Nations Centre for Regional Development (UNCRD)	Kobe, Japan	Researcher, Associate Expert
1997-1999	OYO Corporation	Tokyo, Japan	Chief, Technical Department
2015-now	Institute of Global Environmental Strategies (IGES)	2108-11 Kamiyamaguchi, Hayama, Kanagawa, 240-0115 Japan	Senior Fellow
2017-now,	Keio University	Japan Minato, Tokyo, Japan	Professor

#### 4. Language (Rating: A- Poor; B- Fair; C- Sufficient; D- Fluent)

Language	Reading	Writing	Speaking
Japanese	D	D	D
English	C	C	C

#### 5. Expertise and research interests

##### 5.1. Main research orientation (within the last 5 years)

Disaster and Environmental Management. Implementation-oriented disaster risk reduction approaches, climate change adaptation, human security and development

##### 5.2. List of research projects (within the last 5 years)

No	Project name	Funding institution and funded amount	Duration	Position/role in the project

##### 5.3. Publications and accomplishments (*List all articles in specialized scientific journals, scientific conference proceedings, and scientific awards, in order: author's name; year of publication; name of research results published; journal name / publisher; number, volume release; site of construction; ISSN number*).

##### 5.3.1 Articles in science and technology journal are on the list of SCI, SCIE, SSCI or AHCI of the Institute of Information Science (ISI), USA (including ISSN number)

No	Author	Year	Publications	Publishers/No, vol, page	ISSN/ISBN	Proof (*)	Notes

##### 5.3.2 Other published or registered research results (international, domestic, reports, scientific awards, ...)

No	Author	Year	Publications	Publishers/No, vol, page	ISSN/IS BN	Pro of (*)	Notes
1.	Sadik, M. S., Nakagawa, H., Rahman, R., Shaw, R., Kawaike, K. & Fujita, K.	2018	A Study on Cyclone Aila Recovery in Koyra, Bangladesh: Evaluating the Inclusiveness of Recovery with Respect to Predisaster Vulnerability Reduction	International Journal of Disaster Risk Science. 9, 1, p. 28-43 16			
2.	Ray, B. & Shaw, R.	2018	Changing built form and implications on urban resilience: Loss of climate responsive and socially interactive spaces	Procedia Engineering. 212, p. 117-124			
3.	Shaw R.	2018	Role of Private Sectors in Disaster Risk Reduction: Potential and Challenges	Journal of Disaster Research Vol.13 No.7, 1207-1212			
4.	Hayashi H., Shaw R. and Doterty B.	2018	Exploring the Possibility of an Online Synthesis	Journal of Disaster Research Vol.13 No.7, 1213-1221			

			System for Disaster Risk Reduction as a Tool to Promote “Consilience” of Knowledge and Practice				
5.	Koike T., XXX, Shaw R. and Ikeda T.	201 8	Role Played by Science and Technology in Disaster Risk Reduction: From Framework Planning to Implementation	Journal of Disaster Research Vol.13 No.7, 1222-1232			
6.	Kamruzzaman Md and Shaw R.	201 8	Flood and Sustainable Agriculture in the Haor Basin of Bangladesh: A Review Paper Universal	Journal of Agricultural Research 6(1): 40-49			
7.	Oktari RS, Shiwaku K., Munadi K., and Shaw R.	201 8	Enhancing community resilience towards disaster: The contributing factors of school-community collaborative	International Journal of Disaster Risk Reduction, 29, 3-12			

			network in the tsunami affected area in Aceh				
8.	Sadik S., Nakagawa H., Rahman R., Shaw R., Kawaike K., Parvin G. and Fujita K.	2018	Humanitarian Aid Driven Recovery of Housing after Cyclone Aila in Koyra, Bangladesh: Characterization and Assessment of Outcome	Journal of Japan Society of Natural Disaster Science, 37. 73-91			
9.	Sadik S., Nakagawa H., Rahman R., Shaw R., Kawaike K. and Fujita K.	2018	A Study on Cyclone Aila Recovery in Koyra, Bangladesh: Evaluating the Inclusiveness of Recovery with Respect to Pre-disaster Vulnerability Reduction International	Journal of Disaster Risk Science			
10.	Shah A., Shaw R. and others	2018	Current capacities, preparedness and needs of local institutions in dealing with disaster	Journal of Disaster Risk Reduction			

			risk reduction in Khyber Pakhtunkhwa, Pakistan International				
11.	Shi P., Shaw R. and other	2018	Fourteen Actions and Six Proposals for Science and Technology-Based Disaster Risk Reduction in Asia International	Journal of Disaster Risk Science			
12.	Fang C., Shaw R. and others	2017	The Sendai Framework for Disaster Risk Reduction 2015-2030 and DBAR DRR	Chinese Academy of Science, No, 61, 1-10			
13.	Rahman A., Shaw R. and Azam K	2017	Effectiveness of Disasters and Climate Change Risk Management in Pakistan: Lens of Science and Technology under the Sendai Framework Abasyn	Journal of Social Sciences – Volume 10, Special Issue November 2017			
14.	Das Gupta R. and Shaw	2017	Disaster risk reduction: a	The Routledge Handbook of Disaster Risk			

	R.		critical approach	Reduction Including Climate Change Adaptation Routledge			
15.	Oktari R., Shiwaku K., Munadi K., syamsidik, Shaw R.	2017	Enhancing community resilience towards disaster: The contributing factor of school-community collaborative network in the tsunami affected area in Aceh	International Journal for Disaster Risk Reduction, Volume 29, 3-12.			
16.	Scheyvens H., Shaw R. and others	2017	Promoting the landscape approach in Asia-Pacific developing countries: key concepts and ways forward	IGES Policy Brief, Number 37, 12 pages			
17.	Sadik S., Nakagawa H., Rahman, R. and Shaw R. and others	2017	Systematic study of cyclone Aila recovery efforts in Koyra, Bangladesh	Journal of Society of Natural Disaster Science, 36, 109-121.			
18.	Chiba, Y., Shaw, R. & Prabhakar, S.	2017	Climate change-related non-economic loss	Journal of Climate Change Strategies and Management. 9, 2, p. 166-183			

			and damage in Bangladesh and Japan International				
19.	Shaw R., Izumi T. and Shi P.	2016	Perspectives of Science and Technology in Disaster Risk Reduction of Asia	International Journal of Disaster Risk Science, 7, 329-342.			
20.	Parvin G. A., Shimi A. C., Shaw R. and Biswas C.	2016	Flood in a changing climate: the impact on livelihood and how the rural poor cope in Bangladesh	Climate, 4, 60; doi:10.3390/cli4040060			
21.	Das Gupta R. and Shaw R.	2016	Perspective insight into incentive design and sustainability of participatory mangrove management : a case study from the Indian Sundarbans	Journal of Forest Research, DOI 10.1007/s11676-016-0355-6			
22.	Shiwaku K., Ueda Y., Oikawa Y.	2016	School disaster resilience assessment	Natural Hazards, DOI: 10.1007/s11069-016-2204-5			



	and Shaw R.		in the affected areas of East Japan earthquake and tsunami				
23.	Poudel S. and Shaw R.	2016	The Relationship between Climate Variability and Crop Yield in a Mountainous Environment : A Case Study in Lamjung District, Nepal	Climate, Volume 4, No. 13; doi:10.3390/cli4010013			
24.	Ueda Y. and Shaw R.	2015	Managing and bridging communities in temporary housing: case of the Great East Japan Earthquake and Tsunami in Kesenuma City, Japan	Natural Hazards, DOI 10.1007/s11069-015-1984-3			
25.	Izumi T. and Shaw R.	2015	A new approach of disaster management in Bangladesh: private sector involvement	Risk Hazards, Crisis in Public Policy, DOI: 10.1002/rhc3.12069			

26.	Oktari R., Shiwaku K., Munadi K., Syamsidik and Shaw R.	201 5	A conceptual model of a school- community collaborative network in enhancing coastal community resilience in Banda Aceh, Indonesia	International Journal of disaster Risk Reduction			
27.	Chatterjee, R., Shiwaku, K., Gupta, R. D., Nakano, G., & Shaw R.	201 5	Bangkok to Sendai and beyond: Implications for disaster risk reduction in Asia	International Journal of Disaster Risk Science, 6(2), 177-188. 30. Matsuura S. and Shaw R. (2015): Exploring the possibilities of school			
28.	Matsuura S. and Shaw R.	201 5	Exploring the possibilities of school based recovery and community building in Toni district, Kamaishi	Natural Hazards, Vol. 75, Issue 1, 613-633			
29.	Srivastava N. and Shaw R.	201 5	Occupationa l resilience to floods across the urban rural domain in grater Ahmedabad	International Journal of disaster Risk Reduction			

30.	Abedin A. and Shaw R.	2014	Safe drinking water adaptability for salinity, arsenic and drought risk in southwest of Bangladesh	Risk Hazards and Crisis in Public Policy, Volume 5, Issue 2, 62-82			
31.	Abedin A., Habiba U. and Shaw R.	2014	Community perception and adaptation to safe drinking water scarcity: salinity, arsenic and drought risks in coastal Bangladesh	International Journal of Disaster Risk Science			
32.	Das Gupta R. and Shaw R.	2014	An indicator based approach to assess coastal communities , resilience against climate related disaster in Indian Sundarbans	Journal of Coastal Conservation, DOI 10.1007/s11852-014-0369-1			
33.	Fernandez G. and Shaw R.	2014	Participation of Youth Councils in Local-Level HFA Implementation in Infanta and Makati,	Risk Hazards and Crisis in Public Policy, Volume 5, Issue 3, 259-278			

			Philippines and Its Policy Implications				
34.	Hiwasaki L., Luna M., Syamsidik and Shaw R.	2014	Process for integrating local and indigenous knowledge with science for hydro-meteorological disaster risk reduction and climate change adaptation in coastal and small island communities	International Journal of Disaster Risk Reduction, 10, 15-27.			
35.	Joerin J., Shaw R., Takeuchi Y. and Krishnamurthy R.	2014	The adoption of a climate disaster resilience index in Chennai, India	Disaster, 38 (3): 540-561			
36.	Krishnamurthy R., DasGupta R., Chatterjee and Shaw R.	2014	Managing the Indian coast in the face of disaster and climate change: a review and analysis of India's coastal zone	J. Coastal conservation, DOI 10.1007/s11852-014-0339-7			

			management policy				
37.	Srivastava N. and Shaw R.	2014	Establishing parameters for identification of vulnerable occupations in a disaster scenario in Gujarat, India	Risk Hazards and Crisis in Public Policy, Volume 5, No. 212-238			
38.	Luo Y., Shaw R. Lin H. and Joerin J.	2014	Assessing response behavior of debris flow affected communities in Kaohsiung, Taiwan	Natural Hazards, Vol. 74, Issue 3, 1429-1448			
39.	Habiba U. and Shaw R.	2014	Enhancing Farmers Resilience to Cope with Climate Induced Drought in Northwestern Bangladesh	Journal of Disaster Research, Vol.8 No.1, 203-204.			

### 5.3.3 Published books/textbooks

No	Author	Year	Publications	Publishers/No, vol, page	ISSN/ISBN	Proof (*)	Notes
1	Parvin G., Rahman R., Fujita K., Shaw R.	2018	Overview of flood management actions and policy planning in Bangladesh	International Journal of Public Policy, Vol 14, No. 5/6, 423-443			
2	Shaw R., Shiwaku K. and Izumi	2017	Science and technology in disaster risk	Elsevier Academic Press			

	T.		reduction: Potentials and challenges				
3	Pal I. and Shaw R.	2017	Disaster risk governance in India and cross cutting issues	Springer Publisher			
4	Djalante R., Garschagen M., Thomalla F. and Shaw R.	2017	Disaster risk reduction in Indonesia: progress, challenges, and issues	Springer Publisher			
5	Das Gupta R. and Shaw R. 2016	2016	Participatory Mangrove Management in a Changing Climate: Perspective from Asia Pacific	Springer Publisher			
6	Banba M. and Shaw R.	2016	Land use management in disaster risk reduction	Springer Publisher			
7	Shaw R., Rahman A., Surjan A. and Parvin G.	2016	Urban Risk Reduction: Asian perspective	Elsevier Publisher			
8	Shiwaku K., Sakurai A. and Shaw R.	2016	Disaster resilience of education systems: Experiences from Japan	Springer Publisher			
9	Uitto Y. and Shaw R.	2015	Sustainable Development and	Springer Publisher			

			Disaster Risk Reduction				
10	Srivastava N. and Shaw R.	2015	Occupation-based risk reduction for climate-related hazards	Research Publishers, Singapore			
11	Fernandez G. and Shaw R.	2015	Youth participation and community-based disaster risk reduction	Research Publishers, Singapore			
12	Izumi T. and Shaw R.	2015	Disaster management and private sectors: challenges and potentials	Springer Publisher			
13	Habiba U., Abedin A., Ragib A. W. and Shaw R.	2015	Food security and risk reduction in Bangladesh	Springer Publisher			
14	Rahman A., Khan A., Shaw R.	2015	Disaster Risk Reduction Approaches of Pakistan	Springer Publisher			
15	Shaw R.	2015	Tohoku recovery: Challenges, Potentials and Future	Springer Publisher			
16	Krishna H. and Shaw R.	2015	Mountain Hazards and Disaster Risk Reduction in the Hindu Kush	Springer Publisher			
17	Shaw R. and Oikawa Y.	2014	Education for Sustainable Development and Disaster Risk Reduction	Springer Publisher			

18	Shaw R. and Izumi T.	2014	Civil Society Organizations and Disaster Risk Reduction: An Asian Dilemma	Springer Publisher			
19	Shaw R.	2014	Community Practices for Disaster Risk Reduction in Japan	Springer Publisher			
20	Matsuoka Y. and Shaw R.	2014	Hyogo Framework for Action and Urban Disaster Resilience	Emerald Publisher			
21	Hori T. and Shaw R.	2014	Local Disaster Risk Management in a Changing Climate: Perspective from Central America	Emerald Publisher			
22	Shaw R.	2014	Disaster Recovery: Used or Mis-used Development Opportunities	Springer Publisher			

I pledge and take responsibility for the accuracy of the information provided in this scientific resume.

**APPLICANT's INSTITUTION**  
(Sign, full name, and sealed)

, date/month/year  
**APPLICANT**  
(Sign, full name)

**Rajib Shaw**