

Dr. INDRAJIT PAL
Assistant Professor and Chair,
Disaster Preparedness, Mitigation and Management,
Asian Institute of Technology, P.O.Box 4, Km 42 Paholyothin Highway
Klong Luang, Pathumthani, Thailand – 12120.

PERSONAL DETAIL:

Name: Indrajit PAL
Nationality: INDIAN
Sex: MALE
Date of Birth: February 16, 1977
Language: English, Hindi, Bengali
Email: indrajit-pal@ait.ac.th
Skype: indrajit_pal



PROFESSIONAL SUMMERY

Dr. Indrajit Pal presently working as Assistant Professor and Chair at Disaster Preparedness, Mitigation and Management program at Asian Institute of Technology, Thailand. Prior to joining at AIT, Dr. Pal served as faculty member at Centre for Disaster Management at Lal Bahadur Shastri National Academy of Administration, Mussoorie, India (Premier National Institute for training Indian Administrative Services Officers). Dr. Pal has done extensive work on capacity development of decision makers, risk assessment and disaster risk governance. Dr. Pal has written 6 books and more than 55 articles in international and national peer reviewed journals apart from supervising masters and doctoral research. Dr. Pal having about 16 years of experience on research and capacity development on Disaster Risk Management and Governance and Disaster Risk Science and Education.

RESEARCH EXPERTISE:

Disaster Risk Governance, Disaster Risk Reduction (DRR) and Development, Incident Command System (ICS), Capacity Development, GIS / RS in disaster risk management, Climate Change Adaptation, Community Based Disaster Risk Management, Disaster Risk Science and Education, Disaster Risk reduction and Sustainability, Public Health and Risk assessment.

WORK EXPERIENCE:

Dec 2014 – to date	Assistant Professor – Disaster Preparedness, Mitigation and Management, Asian Institute of Technology, Thailand.
Oct 2006 – Nov 2014	Associate Professor – Centre for Disaster Management, Lal Bahadur Shastri National Academy of Administration, Mussoorie, INDIA.
Aug 2006 – Oct 2006	Junior Project Officer – Indian Institute of Technology, Kharagpur, INDIA.

Feb 2005 – Aug 2006 **Senior Project Assistant** – Indian Institute of Technology, Kharagpur, INDIA

Dec 2002 – Jan 2005 **Junior Research Fellow** – Indian Institute of Technology, Kharagpur, INDIA.

ACADEMIC QUALIFICATIONS:

Ph. D - on “**Seismotectonic and Earthquake Hazard Assessment in parts of East and North-East India**”, Vidyasagar University and Indian Institute of Technology Kharagpur, INDIA. (Dec, 2009)

M. A. in Sociology – H.N.B. Garhwal University, India. (Aug, 2011)

Diploma in Management - Indira Gandhi National Open University, India (June, 2010)

M.Sc - Applied Geology, Jadavpur University, INDIA. (Oct, 2001)

B.Sc - Geology, (distinction in Mathematics and Physics), Jadavpur University, INDIA. (1998)

PROFESSIONAL EXPERIENCE AND SYNERGISTIC ACTIVITIES:

- Board of Director’s Member, Global Alliance of Disaster Research Institutes (GARDI), Kyoto University, JAPAN
- Visiting Professor, Disaster Risk Management at Philippines School of Business Administration (PSBA), Manila, Philippines.
- IRDR Young Scientist, 2017 (Integrated Research on Disaster Risk, Beijing, China).
- Life Member of “Indian Society of Remote Sensing”
- Core group member of the “National Disaster Response Management Guideline” by National Disaster Management Authority (NDMA), Government of India.
- Nodal and Coordinating Officer for the project “Capacity Building on Disaster Management for Indian Administrative Services Officers (IAS) /Central services” – 2012 -2017, by National Disaster Management Authority (NDMA), Govt. of India.
- Imparted Disaster Management modules for more than 500 Bangladesh Civil Services Officers under Mid-Career Training Program in India.
- Nodal officer and Program Coordinator for “National Program for Training of Scientists and Technologists working in the Government Sector” from 2007- 2014, by Department of Science and Technology, Govt. of India.
- National Level trainer for Incident Command System (ICS) to function as resource person and evaluator for pilot project in various provinces in India.
- UNISDR / Global Education and Training Institute, Republic of Korea, Resource Person for Developing Capacities on Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR) in the Asia-Pacific Region”, under “Making City Resilient Global Campaign” since 2015.
- Visiting Scholar to Kyoto University, Japan for the collaborative lectures for Capacity Development Program under “Consortium for International Human Resource Development for Disaster- Resilient Countries (DRC)” since 2015.
- UNESCAP invited Panel member on "Regional Earthquake Recovery Dialogue for Building Back Better", 2015, Kathmandu, Nepal.

RESEARCH PUBLICATIONS (SELECTED)

1. Nath, S. K., Vyas, M., Pal, I., and Sengupta, P., (2005), “A Hazard Scenario in the Sikkim Himalaya from Seismotectonics, Spectral Amplification, Source Parameterization and Spectral Attenuation Laws using Strong Motion Seismometry”, *Journal of Geophysical Research* vol. 110, B01301, doi: 10.1029/2004JB003199.
2. Mohanty, W. K., Walling, M. Y., Nath, S. K., and Pal, I., (2007), “First Order Seismic Microzonation of Delhi, India using Geographic Information System (GIS)”, *Natural Hazards* (DOI: 10.1007/s11069-006-0011-0).
3. Pal, I., S. K. Nath, K. Shukla, D. K. Pal, A. Raj, K. K. Thingbaijam, and B. K. Bansal, (2008), “Seismic Hazard Zonation of Sikkim Himalaya on GIS Platform”, *Natural Hazards*, Vol. 45, pp. 333-377.
4. Sekac, T., Jana, S. K., Pal, I., and Pal, D. K., (2016), “Earthquake hazard assessment in the Momase region of Papua New Guinea”, *Spatial Information Research*, Springer (ISSN: 2366-3286).
5. Pal, I., Ghosh, T., and Ghosh, C., (2017), “Institutional Framework and Administrative Systems for effective Disaster Risk Governance - perspectives of 2013 Cyclone Phailin in INDIA”, *International Journal of Disaster Risk Reduction*, Vol. 21, (2017) 350–359.
6. Amatya, S., Pal, I., and Chatterjee, R. (2017), “Assessment of Coordination Mechanism in 2015 Nepal Earthquake, Kathmandu District”, *United Nations Major Group for Children & Youth (UNMGCY) Science-Policy Interface Publication – Special Edition: Disaster Risk Reduction: A Road of opportunities*, UNISDR, Global Platform for Disaster Risk Reduction Conference, Cancun, Mexico. May, 2017. Page: 111-116.
7. Thanvisitthpon, N., Shrestha, S., and Pal, I., (2018), “Urban flooding and Climate Change: A case study of Bangkok, Thailand”, *Environment and Urbanization ASIA*, SAGE Publications, 9(1) 1-15. DOI: 10.1177/0975425317748532.
8. Mohanty, A., Hussain, M., Mishra, M., Kattel, D.B., Pal, I., (2019), “Exploring community resilience and early warning solution for flash floods, T debris flow and landslides in conflict prone villages of Badakhshan, Afghanistan”, *International Journal of Disaster Risk Reduction* 33 (2019) 5–15.
9. Book Chapter “Disaster Risk Governance and City resilience in Asia-Pacific region”, Pal, I and Bhatia, S., in “Science and Technology in Disaster Risk Reduction: Potentials and Challenges”, edited by Rajib Shaw, Takako Izumi, and Koichi Shiwaku, (2016), Elsevier 2017 (ISBN: 978-0-12-812711-7).
10. Book Chapter “Risk Assessment and Reduction Measures in Landslide and Flash Flood Prone Areas: A Case of Southern Thailand (Nakhon Si Thammarat Province)”, Pal, I., Tularug, P., Jana, S. K., and Paul, D. K., in “Integrating Disaster Science and Management” to be edited by Pijush Samui, Dookie Kim, and Chandan Ghosh, Elsevier 2017 (ISBN: 978-0-128-12056-9)
11. Book Chapter “Disaster Governance and Its Relevance”, Pal, I and Shaw, R, in “Disaster Risk Governance in India and Cross Cutting Issues” (2017), Edited by Dr. Indrajit Pal and Prof. Rajib Shaw, Springer, 2017. ISBN 978-981-10-3309-4, DOI 10.1007/978-981-10-3310-0.
12. Book Chapter: “Risk Governance Measures and Actions in Sundarbans Delta (India): A Holistic Analysis of Post-disaster Situations of Cyclone Aila”, Pal, I and Ghosh, T., in “Disaster Risk Governance in India and Cross Cutting Issues” (2017), Edited by Dr. Indrajit Pal and Prof. Rajib Shaw, Springer, 2017. ISBN 978-981-10-3309-4, DOI 10.1007/978-981-10-3310-0.
13. Book: “Disaster Risk Governance in India and Cross Cutting Issues” (2018), Edited by Dr. Indrajit Pal and Prof. Rajib Shaw, Springer, Singapore. ISBN 978-981-10-3309-4, DOI 10.1007/978-981-10-3310-0.

14. Book: "Natural Hazards Management in Asia" (2019), Authored by: Dr. Indrajit Pal and Dr. Tuhin Ghosh, SAGE Publications, (ISBN: 978-938-66-0218-3).
15. Book: "An Interdisciplinary Approach for Disaster Resilience and Sustainability" (2019), Edited by Indrajit Pal, Jason von Meding, Sangam Shrestha, Iftekhar Ahmed, Thayaparan Gajendran, Springer Singapore, ISBN 978-981-329-527-8, DOI, 10.1007/978-981-32-9527-8

RESEARCH PROJECT AND CONSULTANCY:

1. **Project Title:** Living Deltas"
Year: 2019 – 2024, **Location:** Bangladesh, India, Vietnam **Client:** Global Challenges Research Fund, UK (GCRF), **Position Held:** Co-Investigator
2. **Project Title:** "Capacity Building through Curriculum Development, Conduct Various Trainings for Provincial and District Disaster Management Authorities and Line Department Government Officials"
Year: 2019 – 2020, **Location:** Pakistan and International, **Client:** World Bank
Position Held: Deputy Lead
3. **Project Title:** "Disaster Resilience and Sustainable Development Education Network in Asia",
Year: 2018 – 2019, **Location:** Asia-Pacific Region, **Client:** ProSPER.Net, Japan (UN University),
Position Held: Principal Investigator
4. **Project Title:** "International Symposium on Disaster Resilience and Sustainable Development"
Year: 2019, **Location:** Asia-Pacific Region, **Client:** Asian Institute of Technology, Thailand,
Position Held: Organising Committee Chair and Lead
5. **Project Title:** "International Workshop Disaster Resilience and Business Continuity Planning"
Year: 2018, **Location:** Asian Institute of Technology, Thailand, **Client:** Philippines School of Business Administration, Philippines , **Position Held:** Project Lead
6. **Project Title:** "Training Program on Disaster Risk Management and Governance"
Year: 2018, **Location:** Asian Institute of Technology, Thailand, **Client:** County Government of Busia, Republic of Kenya, **Position Held:** Project Lead
7. **Project Title:** Evidenced Based analysis of Flood Risk Management and Social Vulnerability – A System Approach in Sakon Nakhon Province, Thailand, **Year:** 2018 – 2019, **Location:** Thailand,
Position Held: Principal Investigator
8. **Project Title:** Earthquake Resilient Communities in ASEAN Region: A Transdisciplinary Approach,
Year: 2018-2019, **Location:** Malaysia and Thailand **Position Held:** Co-Principal Investigator
9. **Project Title:** Critical Factors for Post-Disaster Educational Continuity in Urban Flood Impacts in South and Southeast Asia, **Year:** 2017 – 2018, **Location:** Thailand, Bangladesh, Vietnam.
10. **Project Title:** 'Disaster Resilience Education Capacity Building in South-East Asia'. Year 2016 -2018,
Client: Australia-ASEAN Council (AAC) **Location:** Australia, Thailand, Malaysia, Philippines, Vietnam.
11. **Project Title:** Multi Criteria Analysis for Multi-Hazard Risk Perception in Decision Making for Disaster Risk Reduction in Sichon District, Nakhon Si Thammarat Province, Thailand, 2015 – 2-16, Location: Thailand.

12. **Project Title:** Flood Management and Response in Assam, INDIA – Study of four vulnerable districts, **Year:** 2013 – 2014, **Location:** Assam, India.
13. **Project Title:** National Program for Training of Scientists and Technologists working in the Government Sector, **Year:** 2007 – 2014, **Location:** Mussoorie, Uttarakhand, India.
14. **Project Title:** Capacity Building on Disaster Management for Indian Administrative Services Officers (IAS) /Central services, **Year:** 2012 – 2014, **Location:** Mussoorie, Uttarakhand, India.

Collaborator:

UNESCAP, Bangkok; UNISDR and Global Education Training Institute (GETI), Incheon, Republic of Korea; UN University, Tokyo, Japan; CIFAL, Jeju, Republic of Korea; Asian Disaster Preparedness Centre (ADPC), Bangkok; University of Newcastle, Australia; Kyoto University, Japan; Keio University, Japan; Miyagi University of Education, Japan; Philippines School of Business Administration, Philippines; Universiti Teknologi Malaysia, Malaysia; University Sains Malaysia, Malaysia; National University of Singapore; World Wildlife Fund, USA ; University of Newcastle, UK; National University of Vietnam, Vietnam; Tribhuvan University, Nepal; National Institute of Disaster Management, India; Jadavpur University, India; National University of University of Laos.
