

SHIVCHARN S. DHILLION, PH.D.

Dr. Dhillion has an interdisciplinary background and approaches work with environment-social-development and related health dimensions. He has a doctorate in ecology and has recently been a guest research professor in human ecology. His education has also included social dimensions including social design, communication, resettlement, and development. His consultancy and research work includes exploring and understanding interrelationships of humans and their environments focusing on: land use and planning, livelihoods, rights over natural resources and management, conservation (biodiversity, off-sets); equity, gender and environment; resettlement and land acquisition; safeguards and stakeholder engagement; impact-risk assessments and management and M&E – covering a span of >20 years. He has keen interest and good experience on working with cross-cutting themes including ecosystem services/livelihoods, adaption strategies, climate and benefit sharing among others.



He has extensive international experience (in Asia, Africa and Latin America and Europe) with a range of actors covering all impact assessments and planning, risk identification and management, due diligence, communication and stakeholder management, and capacity building. One of the key areas of work has been as compliance and due diligence expert (including as part of expert panel/commission) where he has covered social (including resettlement, social safeguards, engagement, human rights), environmental (including off-sets) and health aspects, e.g., in Albania, Georgia, Vietnam, Zambia, DR Congo, Lao PDR, Nepal, Taiwan, Indonesia and Malaysia. He has also extensive experience in providing training in risk management and compliance to international finance institutional policies and safeguard needs (see Table below).

He has led and been part of several ESIA's and also PoE teams (Panel of Experts). On stakeholder engagement and FPIC he has recently in 2017 successfully completed FPIC processes for two transboundary (Vietnam-Laos) hydropower projects in compliance and with advice from MIGA (World Bank Group and compliance with IFC). More recently he designed through 2020-21 FPIC and Stakeholder engagement plans for industry (renewable energy, wind and forest restoration). Some of these were specially dealing with ecosystem services, conservation and cultural heritage: cross-cutting themes. In 2021-22 he completed five safeguards assessments in Indonesia for ADB and KfW. In 2017-18, he conducted reviews (social and indigenous peoples) for feasibility studies for five planned hydropower projects in Sabah, Malaysia. Past and on-going work includes researching benefit sharing regimes, social impacts of project legacy, and green adaptations/initiatives. He is currently (2021 – 03/2023) leading an ESIA for an access road for a renewable energy project, including land acquisition and resettlement (IFC) and is part of Panel of Experts team for hydropower project covering social aspects (ADB).

He has worked on informed participatory communication and negotiated outcomes in a number of projects previously employing the FPIC process tailored to social-culturally accepted settings. In 2020-21, he led and completed a human rights risk assessment (HRRRA) for wind farm project. He has at present and in the recent years had advisory consultancies financed by IFIs (World Bank Group; ADB) and Donor nations (e.g., Norad-Norway, Dutch Government, Sida-Sweden, German Development Bank (KfW)). Close working in teams with a range of disciplines has provided insights to E&S and stakeholder engagement issues, cumulative, transboundary and cross-cutting

aspects which are necessary in integrated assessment and management approaches. Dhillion is very familiar with the IFI requirements: e.g., ADB, World Bank Policy (ESS), and IFC Performance Standards, the UN ESES Framework and UN Human Rights.

CAPACITY BUILDING / TRAINER EXPERIENCE

NAME: Shivcharn S Dhillion (01 December, 2022)

SUMMARY of CAPACITY BUILDING and TRAINING PROVIDED BY DHILLION – International benchmarks World Bank Group (IBRD; IFC; MIGA), AfDB, ADB, EU Directives and the UN Human Rights.

Relevant Qualifications for advising, capacity building and training in relation to assignment				
Assignment Theme	Degree of Responsibility	Period (incl. preparation)	Location	
<i>International Training / Capacity Building in ESIA / ESHIA / ESMP and other related themes</i>				
ESIA (EIA+SIA), ESHIA, ESMP and social safeguards HSE HIA (including resettlement, and indigenous people)	Part for Social Impact Assessment in ESIA – infrastructure and the environment (energy sector) (including Ecosystem Services and off-set designs)	1 week, April-May 2017 1 week, May 2015	Trondheim, Norway	
	Full for HSE and M&E training (with technical safety experts)	3 weeks, 2015-2016	Tbilisi, Georgia	
	Hydropower Development and Project Management (HDM)	Part for Environmental and Social Management Planning	2 weeks in May 2015	Nay Pyi Taw, Myanmar
		Contractual and Legal Framework for ESIA and ESMP	3 days in March 2015	Trondheim, Norway
		Full for ESIA, EMP/ESMP, safeguards, M&E, communication processes (ICP; FPIC). Shared responsibility for exercises.	4 days to 2 weeks each in Aug. 2018, 2017, 2016, 2015, 2014, and 2013,	Trondheim, Norway
		Full for training and case study, Hydropower Development and Environment	4 weeks, May-Jun 2012	Tegucigalpa, Honduras
		Full for ESIA methodology, communication, social development in Hydropower Development	2 weeks, May 2014	Nay Pyi Taw, Myanmar
		Full for training and case study	3 weeks, Sept. 2013	Entebbe, Uganda
		ESIA for small HPPs	3 days in Oct. 2011	Kafue, Zambia
		HDM	2 days in Aug. 2019	Trondheim
	Sustainable Hydropower, Africa	2 days in Feb., 2021	Trondheim	
Human Rights Risk Assessment in	Designed and headed the course with invited lecturers	June 7-10, 2021	Norway (for Africa)	

Renewable Energy Projects			
SIA (Social Impact Assessment (SIA) and management) (including resettlement) all infrastructure ICP and FPIC	Joint for SIA, full for Management (M&E). (also designed training agenda with IFC). FPIC	3 weeks, 2015	Hanoi, Vietnam
	Full for SIA, Risks and Safeguards Land acquisition and resettlement	2 Weeks in Oct. 2013,	Trondheim, Norway
	The process of Social Impact Assessment. FPIC and BCS needs.	2 Weeks Nov. 2018 2 Weeks August 2019	Accra, Ghana
	The Process of Social Impact Assessment in Renewable Energy Projects	2 weeks November 2022	Johannesburg, South Africa
	SIA, Resettlement, Human Rights and Governance. ESIA context and case studies	2 weeks, March 2023	Accra and Akuse, Ghana
SIA and Risk Management	Full for SIA, Risks and Safeguards. Including FPIC, and M&E. Development communication (DC)	3 weeks in Sept 2020 planned in 2021 (webinar)	Accra, Ghana Oslo, Norway
Risk Assessment and E&S Compliance	E&S compliance under different standards (central IFC and ISO). Designed course. In collaboration	3 weeks. Oct. 2017	Ladysmith, South Africa
Risk Assessment, Social and Environmental Compliance	E&S compliance and inspection (World Bank Group and ISO). Designed full course. In collaboration	2 weeks. Oct. 2018 planned, Oct. 2019	Ladysmith, South Africa
	Risk recognition, gender, ecosystem services, biodiversity off-setting, and monitoring	2 days, Nov, 2020	Trondheim, Norway
Contractual and Legal Framework /Financing	Full for ESIA, Country Assessments and Safeguards (IFC, ADB) Policy assessments for IA	1 week each: Oct. 2018, Oct. 2015, Mar.2014, Apr. 2013, 2012, Jun 2011	Trondheim, Norway
Risk Management (renewable energy sector)	In the context of ESIA and social impacts (part), communication (FPIC)	3 days in Oct. 2012 2 days in May 2020 2 days in April 2021 (planned)	Trondheim, Norway
Electricity transmission and distribution for the future	Covering Environmental and social assessment and management planning (IFC, EBRD)	1 day in Nov, 2022	Norway
Sustainable Hydropower	Full as Lead International Consultant/Project technical management. Capacity	2 weeks each in July, July, Mar and Jan 2015 (8 weeks in all);	Tbilisi, Georgia

Development – Georgia	Building: ESIA, ESMP, M&E, Resettlement and land acquisition, communication, stakeholder management & safeguards.	3 weeks in Oct-Nov 2014 2 weeks in Oct 2013; 4 weeks in June 2013	
Natural resources and hydropower – potential challenges and benefits for local communities	International Consultant (World Bank Group and EIB benchmarks).	1 week in Sept 2019	Batumi, Georgia
Hydropower development – balancing the long term impacts on local communities	Full as Lead International Consultant (IFC and EIB benchmarks).	1 week in Sept 2019	Tbilisi, Georgia
Webinar: Renewable Energy Requirements, impact assessments, social development, and mechanisms for benefit sharing	3 versions designed for different stakeholders groups (municipalities; CSOs and NGOs; Developers) Designed the course, advise on presentations (other experts) and deliver presentations.	Conducted in 2021.	From Norway for municipalities and Tbilisi institutions.
<i>International Project/s related Work which includes capacity building modules</i>			
EIA/SIA guidelines (cross-sector, infrastructure, hydropower, roads, including O&G)	Outlined specific and edited draft for all sector guidelines.	Varied period (2012 – 2013)	Georgia
Stakeholder Engagement and Conflicts, benefit sharing	Designed webinar	2021	Oslo-Georgia
Inspection and Safety Issues (HSE) – IFC, EU and IBRD	Drafting of HSE and social-environment monitoring during construction period. (with dam experts)	2015	Netherlands Commission on Environmental Assessment
Environmental Liability, Guidelines for valuation, baseline documentation, Inspection and M&E	Led training and development of guidelines Valuation methods and approaches	2017 – 2019 2019 (June 18; July 1)	Georgia Georgia and Norway
Sustainable Hydropower Development - Georgia	Full as Project Manager. EIA Policy Review Review of 20 HPP EIA Projects	10 months during Oct 2012- June 2015	Georgia

	Stakeholder Engagement Processes		
Sustainable Hydropower Assessment - Tanzania	Responsible for anthropologic impacts: basin and project level	6 weeks, 2013 - 2015	Tanzania
Alimit Hydropower Complex	<u>Responsible for guiding Developer's E&S units and ESIA Consultant (on a need basis)</u> <u>Resettlement and indigenous people</u>	approx., 8 weeks, Dec-June, 2014-2015	Philippines
Man-Power Study / Audit	Responsible for Benchmarking Methodology	approx., 2 weeks, 2014-2015	Uganda
ESIA and ESMP gap/compliance analysis.	Full for Analysis. Advice also to Regional ESIA consultant.	Three 10-day periods, 2012, 2014.	Zambia and Norway
ESIA Review – social and resettlement	<u>Panel of Expert (PoE)- ESIA, Social and Resettlement</u>	3 weeks, Aug-Sept 2013	Tbilisi
Social Impact Assessment upgrading	<u>Full. Including resettlement and conflict-zone refugees</u>	6 weeks in 2010-2011	Tanzania and Norway
Review of SIA; methods	<u>Full for 2 projects Resettlement and indigenous plans</u>	2 weeks in 2012	Nepal
ESMP: Social Development Plans, RAP	<u>Shared with Resettlement Expert</u>	7 months, 2011 -2012	Albania
ESIA – Public Hearing	Full, prepared presentation	2 weeks Aug-Sept 2011	Norway (Albania)
ESIA	Full responsibility for ESIA	9 months, 2010	Nepal
Benefit Sharing Mechanisms (A Global Study) – The World Bank	<u>Asian Region Coordinator Resettlement and Indigenous policy and plans</u>	2 months 2010-2011	6 core nations, among 40 screened

Sponsors and Clients: a. Norad, ICH (International Centre for Hydropower) UNESCO; b. International Finance Corporation (IFC); c. Norwegian Ministry of Foreign Affairs (NMFA); d. World Bank; e. Asian Development Bank (ADB); f. Netherlands Commission for Environmental Assessment; g. NVE (Norwegian Water Resources and Energy Directorate); h. with International Consultancy Firm