

## Brief Curriculum Vitae -DHILLION

(please request ENVIRO-DEV for full CV)

1. Name of expert:	<b>Dr. Shivcharn S. Dhillion</b>
2. Date of birth:	22 November 1958
Citizenship:	Norwegian
3. Education:	Ph.D., Illinois State University, USA, 1991 Harvard University, USA, 1988 (additional coursework)
4. Professional associations:	International Association of Impact Assessment (IAIA)
5. Other training, including social and cultural training: (post-doctoral and Certificates (Cert.))	1991-95. Post-Doctoral Work. Texas Tech University, USA & CNRS, France  2012 Environment and Human Rights. Low Carbon Development 2011 Cultural Heritage Assessment Resettlement Action Planning 2010 Environmental and Social Risk Analysis Designing Community-Centered Projects and Needs Assessments Project Architecture (rural development) 2007 Enterprise Establishment (SME) Course  Additional experience: R&D technical reviewer and advisor, scientific journal reviewer, symposium planner, etc.

6. Employment Record and Work Experience	
From:	2005 – Present
Employer:	ENVIRO-DEV Self-employed, part-time to full-time. (Norway Registered Firm)
Positions held:	<b>Managing Director of ENVIRO-DEV</b> , <a href="http://www.enviro-dev-no.com">www.enviro-dev-no.com</a> Environmental, Social Development and Safeguards Expert, International Compliance.
From:	June 2015 – Sept 2018 (intermittent)
Employer:	Gothenburg University, Faculty of Social Sciences, School of Global Studies, Sweden.
Positions held:	<b>Professor (guest)</b> , Human Ecology
From:	July 2017 onwards (on need basis)
Employer:	ENVISO LLC ( <a href="http://www.enviso.ge">www.enviso.ge</a> ) an international-national consultancy based on Georgia, ID.No.40521790).
Positions held:	<b>International Compliance Advisor</b>
From:	April 2013 – August 2014
Employer:	Fridjof Nansen Institute (FNI), Lysaker, Norway (Independent Research Institute)
Positions held:	<b>Research Professor.</b>
From:	1996 – 2006
Employer:	Centre for Development and the Environment, University of Oslo
Positions held:	<b>Senior Fellow and Professor II</b>
From:	1996 – April 2004
Employer:	Agricultural University of Norway, Norway
Positions held and duties:	<b>Senior Researcher and Professor I/ Research Scientist</b>
From:	March 1994 – September 1995
Employer:	Centre National de la Recherche Scientifique (CNRS), France
Positions held and duties:	<b>Research Scientist – Environment</b>
From:	February 1991 – February 1994
Employer:	Texas Tech University, USA
Positions held and duties:	<b>Research Assistant Professor / Post-doctoral Research Associate</b>
From:	September 1983 – January 1991

Employer: Illinois State University, USA  
 Positions held and duties: **Research Assistant / Instructor / Coordinator**

7. Year (start):	8. Work undertaken (selected projects (since 2000), solely research projects not included)	
2017-	<b>Project:</b> Location Client: Position Held:	<b>Assessment of National Policy on Benefit Sharing in Hydropower Projects</b> Papua New Guinea World Bank <b>Land Development Specialist</b>
2017	<b>Project:</b> Location Client: Position Held:	<b>Case Study Development, Impact and Capacity Building Analysis in Hydropower: Nepal, Bhutan, Myanmar, Ethiopia, Tanzania, Uganda, Norway</b> Norway Norad (for International Center for Hydropower, Norway). <b>Chief Senior Evaluator / Lead Assessor</b>
2017-	<b>Project:</b> Location Client: Position Held:	<b>Diakonidze Dam and Diversion Weir Evaluation</b> Georgia Adjaristsqali Georgia LLC (of Clean Energy Group, Norway; with Gross Energy Group) <b>International Advisor for Cumulative Assessment and Environmental Flow</b>
2015-17	<b>Project:</b> Location Client: Position Held:	<b>Sustainable Infrastructure Assistance Program (SIAP), TA 8530-INO</b> Regional, Indonesia (Java and Kalimantan) Asian Development Bank, ADB (with Dainichi, Japan) <b>Team Leader and Communication / Social Development Expert</b>
2015-19	<b>Project:</b> Location Client: Position Held:	<b>Framework for the Implementation of the Environmental Liability Directive in Georgia: infrastructure and renewal energy</b> Georgia (Tbilisi and Regional) Norwegian Ministry of Foreign Affairs, Norway (with ICH, Norway) <b>Team Leader and Lead International Consultant</b>
2016-17	<b>Project:</b> Location Client: Position Held:	<b>ESIA for a transboundary hydropower project: Nam Mo 1 HPP.</b> Vietnam and Lao PDR My Ly and Nam Mo 1 HPP JVC (MIGA and Goldman Sachs, IFC benchmarks) <b>International Team Leader ESIA-ESMP &amp; MIGA-IFC compliance expert</b>
2016-17	<b>Project:</b> Location Client: Position Held:	<b>ESIA for a transboundary renewable energy project: My Ly HPP.</b> Vietnam and Lao PDR My Ly and Nam Mo 1 HPP JV Consortium (MIGA and Goldman Sachs, IFC benchmarks) <b>International Team Leader for ESIA-ESMP and MIGA-IFC compliance expert</b>
2017	<b>Project:</b> Location Client: Position Held:	<b>Pre-Feasibility Studies for Three Sites (Pd.08, Pd.03 And Pd.09) in Padas Basin, Sabah, Malaysia</b> Sabah, Malaysia Sabah Electricity Berhad, Malaysia. (with Multiconsult, Norway) <b>Prefeasibility International Social Advisor (IFC and ADB benchmarks)</b>
2017	<b>Project:</b> Location Client: Position Held:	<b>Pre-Feasibility Studies for Two Sites Wc.05 in West Coast Basin and Lw.05 in Liwagu Basin, Sabah, Malaysia</b> Sabah, Malaysia Sabah Electricity Berhad, Malaysia. (with Multiconsult, Norway) <b>Prefeasibility International Social Advisor (IFC and ADB benchmarks)</b>
2016	<b>Project:</b> Location Client:	<b>Workshop on Benefit Sharing Mechanisms and Policy needs – Global perspective and cases</b> Yangon, Myanmar Toolei Co. (development of Bawgata HPP), Myanmar of the Karen National Union (with Norconsult (for NVE), Norway)

7. Year (start):	8. Work undertaken (selected projects (since 2000), solely research projects not included)	
	Position Held:	<b>Senior Expert on Benefit Sharing (Capacity Building for Proponents in compliance with IFC/ADB/EBRD)</b>
2016	<b>Project:</b> Location Client: Position Held:	<b>Evaluation of the Project Report of 5-year Programme (Norad)</b> Norway International Center for Hydropower (Sintef), Norway. <b>Senior Evaluator and Review Expert</b>
2016	<b>Project:</b> Location Client: Position Held:	<b>Evaluation of International Compliance for ESIA's of two Hydropower Projects</b> Vietnam and Lao PDR PECC1 & My Ly and Nam Mo 1 HPP Consortium (MIGA and Goldman Sachs, IFC benchmarks) <b>Chief International Advisor for IFC compliance</b>
2016	<b>Project:</b> Location Client: Position Held:	<b>Capacity Building for Reporting and Evaluation</b> Norway International Center for Hydropower (Sintef), Norway. <b>Senior Capacity Building and Evaluation Expert</b>
2015	<b>Project:</b> Location Client: Position Held:	<b>International Capacity Building in Social Impact Assessment and Management – Hydropower (ESIA, SIA, SEA, CIA and ESMP implementation)</b> Hanoi, Vietnam (regional coverage) NORAD (with ICH) and IFC <b>Lead Trainer / IA expert and Safeguards Specialist (IFC &amp; ADB benchmarks)</b>
2014-2015	<b>Project:</b> Location Client: Position Held:	<b>Manpower Study</b> Uganda ESKOM Pvt. Ltd. with Kaizen, Pvt Ltd., Uganda <b>International Benchmark Expert (human resources) / Team Leader</b>
2015	<b>Project:</b> Location: Client: Position Held:	<b>Inspection and safety (HSE) guidance and tools (infrastructure projects)</b> Georgia Netherlands Commission on Environmental Assessment (NCEA), Ministry of Foreign Affairs <b>Lead Senior Consultant (for safety, labor and liability issues) and Team Leader. (benchmarks: WB, IFC and ADB; EU directives.)</b>
2012-2015	<b>Project:</b> Location: Client: Position Held:	<b>Sustainable Hydropower Development (ESHIA, SEA and CIA, ESMP)</b> (all infrastructure: project, roads and transmission) Georgia Norwegian Ministry of Foreign Affairs (with Norsk Energi) <b>Lead International Consultant and Project Leader</b> (World Bank Group and EU Directives benchmarks)
2014-16	<b>Project:</b> Location: Client: Position Held:	<b>Alimit Hydropower Complex</b> (all infrastructure: dam, roads and transmission) Philippines SN Aboitiz Power - Generation, Inc. (SNAPG) (SN Power Invest, Norway) <b>International Review/Compliance Expert (IFC (World Bank Group) and ADB benchmarks)</b>
2013-14	<b>Project:</b> Location: Client: Position Held:	<b>Tanzania Sustainable Hydropower Assessment (a SESA)</b> (Climate change, water resources, cumulative, social impact and vulnerability assessment and management – leading to strategic decisions for sustainability) Tanzania World Bank (with Sweco-Norway (lead) /Deltares-Netherlands) <b>Anthropogenic Impacts Expert</b>
2013-14	<b>Project:</b>	<b>Access and Benefit Sharing: Technology transfer mechanisms</b>

7. Year (start):	8. Work undertaken (selected projects (since 2000), solely research projects not included)	
	Location: Client: Position Held:	India Norwegian Environmental Agency / Fridtjof Nansen Institute, Norway (a R&D institute) <b>Research Professor</b>
2015	<b>Project:</b> Location: Client: Position Held:	<b>International Capacity Building – Social Assessment (in ESIA/SEA/CIA)</b> Myanmar ICH (NORAD) / UNESCO <b>Lead International Trainer and Expert</b>
2014	<b>Project:</b> Location: Client: Position Held:	<b>International Capacity Building (impact assessments)</b> Myanmar ICH (NORAD) / UNESCO <b>Impact Assessment and Management Planning, and Social Safeguards Specialist / Trainer (IFC and ADB)</b>
2012	<b>Project:</b> Location: Client: Position Held:	<b>International Review of Khudoni HPP – auditing and inspection</b> Georgia Netherland’s Commission for Environmental Assessments, Ministry of Foreign Affairs (Government of the Netherlands) <b>International Panel of Experts (PoE)- Inspection and Review– covering ESIA, SEA and Social safeguards. IFC and EBRD</b>
2011 -14	<b>Project:</b> Location: Client: Position Held:	<b>Lower Manang Marsyangdi Hydroelectric Project (LMM HEP)</b> Nepal HydroConsult Private Limited (www.BPC.com.np) <b>International Safeguards Advisor</b>
2011 -12	<b>Project:</b> Location: Client: Position Held:	<b>Devoll Hydropower Project Environmental and Social Management Plans (ESMP/EMP) and Resettlement Action Plans (RAP) - 3 Dams, each with a Social Development Plan (SDP) and RAP</b> Albania Devoll Hydropower Sh. A. (JA: Statkraft AS, Norway and EVN-Austria) - Norconsult <b>Social &amp; Environmental Management Plan Specialist – implementation phase</b>
2012	<b>Project:</b> Location: Client: Position Held:	<b>Sector Guidelines for Environmental and Social Impact Assessment and Management and links to Strategic Assessments</b> Georgia Netherland’s Commission for Environmental Assessments (Government of the Netherlands) & Norsk Energi (for the Ministry of Foreign Affairs, Norway) <b>International Expert for Sector Guidelines for Environmental and Social Assessments and Safeguards (World Bank Group, ADB and EU benchmarks)</b>
2012-14	<b>Project:</b> Location: Client: Position Held:	<b>Social and Environmental Assessment, Safeguards and Management - IFC Compliance Analysis</b> Central-South America & Africa Aqua Imara AS. ( <a href="http://www.aquaimara.com">www.aquaimara.com</a> ), a company of SN Power, Norway <b>Senior Hydropower Social and Environment Management and Safeguards Planner and Compliance Expert</b>
2011	<b>Project:</b> Location: Client: Position Held:	<b>Devoll Hydropower Project Transmission Line ESIA and Public Hearing (3 dams, cascade)</b> Albania Devoll Hydropower Sh. A. (JA: Statkraft AS, Norway and EVN-Austria) with Norconsult <b>ESIA Expert (specially commissioned for public hearing and social impacts)</b>
2011	<b>Project:</b>	<b>Kali Gandaki Korban HPP</b>

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	Location: Client: Position Held:	Nepal Green Ventures (Canada/Nepal) with Norconsult, <a href="http://www.greenventuresinternational.com">www.greenventuresinternational.com</a> <b>International Social Impact Assessment Advisor</b>
2011-12	<b>Project:</b> Location: Client: Position Held:	<b>Tama Koshi 1 HPP</b> Nepal Green Ventures (Canada/Nepal) with Norconsult, <a href="http://www.greenventuresinternational.com">www.greenventuresinternational.com</a> <b>International Social Impact Assessment Advisor</b>
2009-10	<b>Project:</b> Location: Client: Position Held: Main Project Features:	<b>Supervision of ESIA Maqueo Hydropower Project</b> Chile & Panama SN Power, Norway (of Statkraft, Norway) <b>Senior ES Safeguard Action Plans and M&amp;E Advisor</b> ESIA and safeguard review and advisory.
2011-13	<b>Project:</b> Location: Client: Position Held:	<b>Machinga Hydropower Project ESIA</b> Zambia Aqua Imara AS, Norway ( <a href="http://www.snpower.com">www.snpower.com</a> ) <b>Senior ESMP and Safeguards Supervisor</b>
2008-10	<b>Project:</b> Location: Client: Position Held:	<b>ESIA of Tamakoshi 3 Hydropower Project and Feasibility Study</b> Nepal SN Power, Singapore ( <a href="http://www.snpower.com">www.snpower.com</a> ) <b>Team Leader for ESIA (&amp; Project Manager, step-in basis)</b>
2010-11	<b>Project:</b> Location: Client: Position Held:	<b>Magalarasi Stage 3 Hydropower Project ESIA</b> Tanzania Millennium Challenge Corporation-Tanzania (MCC-USA) with Norconsult <b>Social Impact Assessment Expert</b>
2006	<b>Project:</b> Location: Client: Position Held:	<b>ESIA of the Song Bung 4 Hydropower Project Phase II</b> Vietnam Asian Development Bank (ADB) and Sweco, Norway <b>Team Leader for ESIA (also as Social-Environmental Expert / Acting Project Manager)</b>
2011	<b>Project:</b> Location: Client: Position Held:	<b>International Training / Capacity Building</b> (infrastructure and Social Impact Assessment) Trondheim, Norway Norad, Norway <b>Social Impact Assessment and Management Planning Specialist / Trainer</b>
2010-11	<b>Project:</b> Location: Client: Position Held: Main Project Features:	<b>Benefits Sharing: Enhancing Development Benefits in Hydropower</b> Africa, Asia (Nepal, Lao PDR, Vietnam) and Central-South America World Bank (with Sweco) <b>Rural Development and Watershed / Natural Resources Management Specialist, &amp; Asia Coordinator</b> Benefit sharing studies across hydropower projects – a global analysis
2001-07	<b>Project:</b> Location: Client: Position Held: Main Project Features:	<b>Maintenance of Biodiversity: Conservation of Culture and Natural Resources</b> Vietnam, Lao PDR, Thailand European Commission (EU) <b>Team Leader</b> Studies of local cases and guideline development for conservation

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2004 -06	<b>Project:</b> Location: Client: Position Held:	<b>Sustainable Environmental Management, Norway-Indonesia cooperation</b> Indonesia Indonesian Ministry of Environment and NINA, Norway <b>Environmental Specialist</b>
2005-06	<b>Project:</b> Location: Client: Position Held:	<b>Land Use Policies and Sustainable Development In Developing Countries</b> China, India, Indonesia, Mali, Tunisia, Niger, Kenya, Brazil Centre for Development & the Environment, Univ. of Oslo (EU Projects) <b>Team Leader &amp; Senior Expert</b>
1999-2000	<b>Project:</b> Location: Client: Position Held:	<b>Environmental and Social Assessment: Mangde Chhu Hydropower Project</b> Bhutan (transboundary) Sweco-Norway and Ministry of Trade and Industry Power, Royal Gov.Bhutan <b>ES Management Plan and Environmental Specialist</b>
2002-03	<b>Project:</b> Location: Client: Position Held:	<b>Environmental and Social Assessment: Alto Yuna Multipurpose Project</b> Dominican Republic Energy Department, Dominican Republic and Sweco As, Norway <b>Environment Expert / Ecologist</b>
2007-09	<b>Project:</b> Location: Client: Position Held:	<b>Integrated ESIA of the Aysen Hydropower Projects</b> Chile Sweco Norge, AS. and HidroAysén, Chile <b>Terrestrial / Land Expert</b>
8	<b>Capacity Building and Training</b> Dhillion has been involved both in designing training and capacity courses and material. See ENVIRO-DEV's list	

## 9. Publications (selected)

- Total of over 90 refereed articles, chapter publications and reports: 3 edited books; numerous documents for public/communities)
- Dhillion, S.S. 2017. Informed Consultations and Participation (ICP): legacy, indigenous people and livelihood. IAIA and Inter-American Development Bank, Washington D.C., USA.
- Dhillion, S.S. 2018. Benefit sharing can lead to reduction in natural resource conflicts and sustainable development? in *Natural Resource Conflicts and Sustainable Development*. Eds. G. A. Olsson and P. Gooch. Routledge, UK. (in progress)
- Dhillion, S., G. Olsen and Q. Syna. 2018. Sacred forests not only hubs for generating resilience for human livelihoods. (*Special Issue*. Livelihood and Landscape Change in Africa: Future Trajectories for Improved Well-Being under a Changing Climate. Eds: Shachelton et al.). Land Use and Urban Planning, Pages xx-xx. MDIP AG. Basel (in progress)
- Dhillion, S. S. et al. 2018. Guidance Tip Sheets on Inspection and Monitoring, Biodiversity and Stakeholder Engagement in Hydropower Projects. ICH, Norway, and Georgian Ministry of Environment and Natural Resource Protection (MENRP), Trondheim and Tbilisi. (in Progress)
- Dhillion, S. S. 2014. Hydropower EIA in Georgia: Stakeholder Working Group Recommendations, Volume A. Sustainable Hydropower Development in Georgia. Report No.2a (17 pages), Norsk Energi, Oslo. ISBN: 978-82-7252-205-5. Available from: <http://www.energi.no/en/projesct>.
- Dhillion, S. S. 2014. Hydropower EIA in Georgia: Stakeholder Working Group Recommendations, Volume B. Sustainable Hydropower Development in Georgia. Report No.2b (75 pages), Norsk Energi, Oslo. ISBN: 978-82-7252-204-8. Available from: <http://www.energi.no/en/projects>.
- Dhillion, S.S. and Bakhtadze, M. 2014. A Trainer's Citizen Awareness Guide - Communication, EIA and Hydropower. Sustainable Hydropower Development in Georgia. Report No.3a (36 pages), Norsk Energi, Oslo. ISBN: 978-82-7252-203-1. Available from: <http://www.energi.no/en/projects>.
- Dhillion, S.S. and Bakhtadze, M. 2014. A Citizen's Awareness Guide: Communication and Hydropower EIA. Sustainable Hydropower Development in Georgia. Report No.3b (12 pages), Norsk Energi, Oslo. ISBN: 978-82-7252-202-4. Available from: <http://www.energi.no/en/projects>.
- Dhillion, S.S. 2014. Technology Transfer in India: biodiversity, institutions, actors, typologies and perceptions. Fridtjof Nansen Institute, Lysaker, Norway . <http://www.fni.no/doc&pdf/FNI-R0214.pdf>
- Dhillion, S.S. 2013. Stakeholder Concerns and Values Note – Hydropower Sector. Sustainable Hydropower Development in Georgia. Report No.4 (6 pages), Norsk Energi, Oslo. ISBN: 978-82-7252-201-7. Available from: <http://www.energi.no/en/projects>.
- Dhillion, S.S. 2013. Benefit sharing and enhancing development. In *Resettlement, rehabilitation and benefit sharing in infrastructure development*. R. Nair (Ed.), Journal of Management, 44(1):51-53. (ISSN:0257-8069) (World Bank)
- Dhillion, S. S. and M. Gvilava. 2014. Hydropower EIA in Georgia: A Review and Recommendations. Sustainable Hydropower Development in Georgia. Norsk Energi, Oslo, 63 pages. <http://www.energi.no/>.
- Dhillion S. S. 2012. Corporate Social Responsibility (CSR) and Benefit Sharing mechanisms. HydroVision, New Delhi. Proceedings. ([www.hydrovision.org](http://www.hydrovision.org))
- Lillehammer L., O. San Martin and S. Dhillion (eds). 2011. *Synthesis Report*. Benefit Sharing and Hydropower: Enhancing Development Benefits of Hydropower Investments Through an Operational Framework. World Bank.
- Lillehammer L., Dhillion S. and O. San Martin. 2010. *A Working Definition of Enhancing and Sharing Development Benefits*. Discussion Note 1. Delivery in: Benefit Sharing and Hydropower: Enhancing Development Benefits of Hydropower Investments Through an Operational Framework. World Bank.
- Lillehammer L., Dhillion S., O. San Martin and J. Sandgren. 2010. *Policy, Institutions and Governance in Benefit Sharing*. Discussion Note 5. Delivery in: Benefit Sharing and Hydropower: Enhancing Development Benefits of Hydropower Investments Through an Operational Framework. World Bank.
- Dhillion, S. and T. Granfelt. 2010. Enhancing stakeholder participation: mainstreaming global threats (climate) and, cumulative and trans-boundary impacts. ASIA2010, IHA, UK.
- Brouwer, F., T. van Rheenen, S. S. Dhillion. and A. M. Elgersma (eds.) 2008. Sustainable Land Management: Strategies to Cope with the Marginalization of Agriculture. Edward Elgar, Cheltenham, UK. (3 chapters by Dhillion)

