WORKSHOP: COMMUNITY-BASED RESEARCH AND WATER

May 16th, 2016

Peter Wall Institute for Advanced Studies

University of British Columbia (UBC) - Vancouver Campus

SUMMARY AND WORKSHOP CONCLUSIONS

Contents

Introduction:

In the past 25 years, community-based research (CBR) has become increasingly recognized as an important approach for the conduct social and scientific research—one that is often considered to be more democratic, ethical and locally relevant. CBR is an umbrella term that includes approaches such as participatory research, participatory action research, asset-based development, collaborative inquiry, in addition to other participatory research methods. In this regard, the SSHRC funded project 'Training the Next Generation of Community-based Researchers' ('NextGen', 2013-15) has established a global partnership for training in community-based research, including creating an open source database on training materials and pedagogy for academic institutions and civil society organizations. The project, led by the UNESCO Chair in Community-Based Research and Social Responsibility in Higher Education, a partnership between the University of Victoria (UVic) and the Society for Participatory Research in Asia (PRIA), brought together four global partners, each of them responsible for a thematic area. The Institute for Resources, Environment and Sustainability (IRES) and the Program on Water Governance (PoWG) at the University of British Columbia (UBC) brings expertise in the area of water governance and CBR. Coming to the end of this project, we organized this one day workshop with support from the Peter Wall Institute for Advanced Studies to share insights and build community around these themes.

Objective/Purpose of the meeting

The objective of the workshop *Community-Based Research and Water* was to showcase and share some of the insights and advancements of the aforementioned SSHRC funded project 'Training the Next Generation' as well as to provide a space for other researchers and practitioners involved in community-based research to share their experiences and engage in discussion with each other, particularly to share ideas and insights from a range of projects focused on water governance and CBR. The workshop was organized in different sessions and panels that included a diverse mix of presentations on theory and practice of CBR, including case studies from different geographical areas, as well as two participatory sessions where attendants engaged in the exploration of different methodologies of CBR. These were afternoon training sessions focused on indigenous methods and CBR and arts-based approaches. The detailed schedule of the event is included at the end of this report.

Summary of workshop proceedings

1) Introduction to CBR: Global overview

In the opening session, Professor Budd Hall and Dr. Crystal Tremblay from the UNESCO Chair in Community-Based Research and Social Responsibility in Higher Education at UVic provided an overview of the history and development of CBR both globally and within the Canadian context. They explained the principles on which CBR is based, sharing relevant insights on how to approach this type of research

in terms of methodology. The presentation also included a discussion about challenges and key research areas in CBR. The speakers ended their talk providing a list of useful open access online resources on CBR.

2) Overview of insights and lessons from literature review and case study research on training in CBR focused on water

In the second session of the morning, Dr. Leila Harris from the Institute for Resources, Environment and Sustainability (IRES) and the Program on Water Governance (PoWG) at UBC and Dr. Crystal Tremblay from the UNESCO Chair at UVic (former SSHRC Postdoctoral Scholar with IRES at UBC), presented key themes and insights from the exercise of compiling one of the available resources from the 'NextGen' project, an annotated bibliography 'Training in Community-Based Research (CBR): Water Governance'. The speakers provided an overview of the resources and literature on teaching and training in CBR. The compiled literature was categorized according to 5 different typologies: *training in CBR in water governance; citizen science and water governance; participatory water governance; training in formal education programs using participatory and community-based research; and training in participatory research models for civil society and practitioners.* The speakers also presented an illustrative example of the Ceiba Foundation for Tropical Conservation and its service-learning course 'Water for Life Sustainability and Community Health.' The presentation ended with an in depth discussion of the challenges regarding water governance, specifically, and CBR training in water governance. The annotated bibliography and the resource guide, 'Video Collection of Training in Community-Based Research', are available online, and were made available to all participants in the workshop.

3) Water related CBR in and with First Nations (Panel)

The morning continued with a panel on CBR and water in First Nations contexts. Nicole Wilson, a PhD candidate at the Institute for Resources, Environment and Sustainability (IRES) presented on her research work on the role of Indigenous peoples in water governance in the transboundary context of the Yukon River Basin, which spans Alaska, Yukon and British Columbia. Rita Asgeirrson, faculty member on Native environmental science at the Northwest Indian College and member of the Yup'ik Eskimo nation, provided an overview of her research work as well as the work they do at the Northwest Indian College working with native communities in environmental and resources management. Lastly, Dr. Linc Kesler, of the Departments of English and First Nations and Indigenous Studies and Director of the First Nations House of Learning spoke about training and education, giving some specific examples of programs at UBC that involve students directly with indigenous communities as part of their programs.

4) Water related CBR in Angat Basin and the Philippines (Panel)

The last presentation of the morning was a panel on CBR and water in the context of the Angat River basin (Philippines). The panel was chaired by Dr. Nora Angeles, Associate Professor in the School of Community and Regional Planning (SCARP) and Director of a community service-learning course that every year brings students from UBC to the Philippines to work closely and collaboratively with local communities. Dr. Phil Torio, a recently graduated PhD student from IRES, presented his doctoral research findings on how water privatization in Metro Manila has affected the lives of the urban poor in

terms of equitable access to water supply. Eva Crego, a recently graduated Master student at the Department of Geography presented some of the lessons learned during her participation in the Philippines Planning Studio Course conducting community-based research on climate change adaptation in the municipality of Hagonoy (Philippines). Emily Rosen, a Master Student at the School of Community and Regional Planning (SCARP), presented on her Master's research on community-based decision making for watersheds in the Philippines. Emily focused her presentation on the development of health indicators at the watershed level to establish a successful monitoring framework.

5) Sharing Participatory Videos from Ghana and South Africa

During lunch, Dr. Crystal Tremblay presented a participatory video product of a CBR project with members of local government, civil society organizations and residents of LEKMA, in the Greater Accra region of Ghana. The project is a partnership between the Integrated Social Development Centre (ISODEC) in Accra, and the Program on Water Governance at IRES at the University of British Columbia (UBC), Canada. Following a training workshop that focused on video production, techniques, and interviewing, participants used video to interview other community members in LEKMA, including the community of Teshie, in March and April 2015. A key goal was to use video to document community stories and raise awareness on issues related to water and sanitation. For the workshop participants, other goals included learning more about participatory video as a research, outreach, and awareness-raising technique.

6) Participatory sessions

In the afternoon, participants selected one of two hands-on training sessions.

a. Workshop A: Arts-based methods for CBR

In the afternoon, Dr. Crystal Tremblay and Professor Budd Hall facilitated a workshop on collective storytelling. Dr. Crystal Tremblay shared some fundamentals on arts-based methods for CBR and story development. Then, participants worked in groups to design a storyboard of their own about water governance. At the end of the workshop participants shared their 'visual' stories.

b. Workshop B: Working and researching with First Nations communities in good ways: An Indigenous research project between Musqueam Indian Band and UBC

For Workshop B, Shelly Johnson (School of Social Work), Andrea Lyall (Faculty of Forestry) and Corrina Sparrow (Social Development Officer, Musqueam Indian Band) facilitated a workshop session engaging participations around a range of considerations specific to working with First Nations communities, including around nation-specific protocols, including OCAP (Ownership, Control, Access and Possession) procedures, trust-building, and co-designing research together with community members. Several illustrative examples were provided based on their own SSHRC funded collaborative project, "Awakening the Spirit" involving Musqueam youth and elders in canoe building. More information here: http://socialwork.ubc.ca/awakening-the-spirit-revitalization-of-ocean-going-canoeing-in-musqueam-indian-band/

Conclusions and next steps

The workshop provided a valuable opportunity to share some of the outcomes and findings from the SSHRC funded project 'Training the Next Generation of Community-based Researchers' ('NextGen') as well as to hear and learn from other research experiences on CBR in varied geographical contexts. A diverse mix of scholars and community partners from different fields and disciplines attended the workshop, also enabling critical opportunities for networking. This diversity provided for a rich discussion and productive exchange to share insights, techniques, and lessons learned regarding CBR.

For more information about the 'NextGen' project, and the activities of the UNESCO Chair in CBR please visit their website at http://unescochair-cbrsr.org/index.php/2014/07/18/building-the-next-generation-of-community-based-researchers-the-nextgen-project/

Please refer to the UNESCO Chair website in fall 2016 to access an open source practical guide to facilitating CBR, a book on the theory and practice of pedagogical approaches and case studies, and a suite of video training materials.

The University of Victoria and the UNESCO Chair in CBR are pleased to partner on an open source platform providing resources in CBR, available here: https://dspace.library.uvic.ca/handle/1828/5949

For resources specific to water governance and CBR, including the participatory videos from Ghana and South Africa, please visit the Program on Water Governance website:

https://watergovernance.ca/projects/community-based-research/

https://watergovernance.ca/participatory-videos-on-water-and-sanitation/

Appendices: Workshop Agenda and Participant list

Agenda

Panel Sessions: Theory and Practice of CBR (9:00 am - 1:00 pm)

9:00 am   **Check-in and welcome**

9:15 - 10:00 am   **Introduction to CBR. Global overview (Theory):** Crystal Tremblay and Budd Hall, UNESCO Chair in CBR and Social Responsibility in Higher Education, U Vic

10:00 - 10:30 am   **Overview of insights and lessons from literature review and case study research on training in CBR focused on water (Training):** Crystal Tremblay (UNESCO Chair, U Vic) and Leila Harris (IRES, PoWG, UBC)

10:30 - 11:15 am   **Water related CBR in and with First Nations (Panel):** Nicole Wilson (IRES, UBC), Emma Norman (Northwest Indian College) and Rita Asgeirrson (Northwest Indian College)

11:15 - 12:00 pm   **Water related CBR in Angat Basin and the Philippines (Panel):** Phil Torio (IRES, UBC), Eva Crego (Geography, UBC) and Emily Rosen (SCARP, UBC) with contributions from Sameer Shah (IRES, UBC) and Leonora Angeles (SCARP, GRSJ, UBC)

12:00 - 12:30 pm   **Lunch (offered only to attendees staying on for the afternoon workshops)**

12:30 - 1:00 pm Sharing **Participatory Videos from Ghana and South Africa:** Program on Water Governance project (Crystal Tremblay). Videos shown while participants finish lunch.

Interactive workshops in CBR & Water (1:00 pm - 3:00 pm)

Workshops will be interactive training sessions. They will be held concurrently and previous registration is required (i.e. you must select and register to only one workshop session)

1:00 - 3:00 pm Workshop A: Arts-based methods for CBR with Crystal Tremblay and Budd Hall (UNESCO Chair in CBR and Social Responsibility in Higher Education, U Vic)

What is arts-based research? Learn skills that are useful for arts-based research and engagement. Crystal Tremblay and Budd Hall will provide an overview of the theory and practice of arts-based research, drawing from their own research and teaching experience. Participants will learn hands-on skills in the creative process of storytelling and the creation of storyboards, drawing, and related techniques.

1:00 - 3:00 pm Workshop B: Working and researching with First Nations communities in good ways: An Indigenist research project between Musqueam Indian Band and UBC with Shelly Johnson (School of Social Work), Andrea Lyall (Faculty of Forestry) and Corrina Sparrow (Musqueam Indian Band)

Using an Indigenist research project between Musqueam Indian Band and UBC, participants will learn about respectful, reciprocal, responsible and relevant ways to work in relationship with First Nations peoples. This presentation will include important ways to consider nation specific protocols, how to co-design research, Indigenous ethics, OCAP, and trust building.

Participant list

Name	Organization Name	Position / Title
Allen , Dawn	Freelance	Consultant
Angeles , Leonora	SCARP & GRSJ (UBC)	Associate Professor
Bristol , Graeme	Centre for Architecture & Human Rights	Exec. Dir.
Buczek , Julia	UBC	Student
Bulkan , Janette	Faculty of Forestry (UBC)	Assistant Professor
Crego Liz , Eva	Department of Geography (UBC)	Graduate Student
Cruz , Genevieve	Graduate Student Society	President
Dales , Kirsten	Canadian International Resources and Development Institute (CIRDI)	Associate Director
Douglas , Catherine	Vancouver School of Economics (UBC)	Lecturer
Doyle , Cassie	Canadian International Resources and Development Institute (CIRDI)	Chief Operating Officer (CEO)
Fitzpatrick , Brenda	Anthropology (UBC)	PhD Candidate
Gomes , Cheryl	Res'eau	Research engineer
Gomez Navas Acevedo , Elba	UBC	Research Assistant IRES
Haggan , Nigel	Nigel Haggan & Associates	Dr
Hallenbeck , Jessica	Department of Geography	PhD Candidate
Harquail , Kate	UBC	Guest
Harris , Leila	IRES	Associate Professor
Hund , Silja	UBC	PhD candidate
Kesler , Linc	FNHL	Director
Kim , Sophia	UBC	Student
Lenoble , Jessica	UBC Civil Engineering - Pollution Control and Waste Management Group	M.A.Sc. Candidate
Luker , Emma	IRES	Graduate Student
Marchant , Brett	RES'EAU WaterNET	Research Scientist & Engagement Coord.

Name	Organization Name	Position / Title
Mawani , Vrushti	SCARP	PhD student
McDowell , Graham	IRES (UBC)	PhD Student
McFarlane , Kiely	IRES (UBC)	PhD Student
McKenzie , Andrea	Wageningen University	MSc graduate
Mehrabi , Zia	UBC	Post-Doctoral Fellow
Mendes , Wilson	UBC	PhD
Rahi , Ali	UBC	Post Doctoral Fellow
Ranieri , Bernardo	Norman B. Keevil Mining Institute	PhD. Student
Rosen , Emily	SCARP	Master's Student
Shah , Sameer	IRES (UBC)	PhD Student
Theaker , Ian	IRES (UBC)	MSc candidate
Then , May Anne	International Forestry Students' Association	President
Torio , Philamer	EDGES (UBC)	Member
Tremblay , Crystal	UNESCO Chair in CBR	Research Director
Vivier , Claire	CIRDI	Graduate Academic Assistant
Wilson , Nick	IRES (UBC)	PhD Candidate
Yates , Julian	IRES (UBC)	Post-Doctoral Fellow