

Consortium for Sustainability

Course name: *Engaging Rural Communities: Tools and Methodologies for Sustainable Development*

Course code: *HUM 503*

Program dates: *June 18 - July 1, 2017*

Credits: *3 credit hours*

Course Description:

This course provides an overview of paradigms, theories and methods of investigating and analyzing community aspects and how to engage citizens in scientific, technological, environmental and societal issues at the community level. The course will analyze different concepts and theories related to sustainability, rural development, economic growth, local knowledge and environmental services from local and rural perspective. This course will prepare the students in the use of different evaluation and research methodologies and techniques that will generate a deeper understanding of problems and opportunities, learn with and from communities and define with them action plans to improve their quality of life.

Course Objectives:

This course is designed to:

1. Engage students in the identification and analysis of community problems and opportunities from social, cultural, economic and environmental perspectives.
2. Generate critical discourses on different rural (and beyond) development theories, paradigms and concepts related to sustainability.
3. Understand and learn the importance of quantitative and qualitative research methods and participatory approaches to social research, as well as acquire skills in their application toward real-world problems and issues.
4. Train students in the development of community action plans designed with rural communities.
5. Apply these methods, techniques and tools in selected communities in Costa Rica.

Program schedule¹:

Date/Time	Subject	Professor-Readings-Comments	Logistics
Sunday, June 18th	Arrival in SJO and EARTH		
Monday, June 19 <u>08:00-10:00</u>	Introduction to EARTH. Orientation: logistics and guidelines.	International Office Nico Evers (department director) Luis Reyes (program manager)	
<u>10:00 – 11:00</u>	Overview of course: Syllabus, Organization, Assignments.	Julieta Mazzola	
<u>11:00-12:15</u>	Campus tour		
<u>1:00 – 4:00</u>	Analyzing general concepts: sustainable development. Rural communities and rural development. Paradigms of Sustainability: Thinking and Practices - Diverse philosophical underpinnings of sustainability. - Resistance and Resilience	Julieta Mazzola/Udi Mandel <u>Readings:</u> Jara C.: Social quality and sustainable development of rural territories. David Orr chapters 10 ‘The Problem of Sustainability’ and 11 ‘Two Meanings of Sustainability’ in ‘Hope is an Imperative’	

¹ Please note that this schedule may be subject to minor changes.

Date/Time	Subject	Professor-Readings-Comments	Logistics
		Gustavo Esteva ‘Development’ and Ivan Illich ‘Needs’ in Sachs ‘The Development Dictionary’ ‘Re-Learning Hope: A Story of Unitierra’ a documentary by Udi Mandel and Kelly Teamey	
Tuesday, June 20 <u>8:00 a 11:00</u>	Social Entrepreneurship and the Solidarity Economy: conceptual dialogue <u>Reflection I</u>	Udi Mandel Kelly Marjorie: Owning our future (selection) Hart, Laville y Cattani: The human economy	
<u>1:00 a 4:00</u>	Adding value to agricultural products - an alternative strategy for generating additional income Introduction to adding value (theory, concepts, evidence, examples, challenges, facilitating governmental institutions and programs, the role of cooperatives and farmer associations, etc.)	Tobias Wünscher	
Wednesday, June 21 <u>6.30 - 11.30</u>	Introduction to Community Scenario <u>Field Visit #1</u> <i>Santa Rosa y La Lucha</i> Visits to 2-3 farmer initiatives in early stages of development in Santa Rosa, La Lucha and/or others	Tobias Wünscher	

Date/Time	Subject	Professor-Readings-Comments	Logistics
<u>2.00 – 4.00</u>	<u>Report I</u> - Results presentations (20% grading)	Tobias Wünscher	
Thursday, June 22 <u>8:00 – 11.00</u>	Pro poor growth through agricultural development: structural transformation and the role of agriculture, evidence for pro poor impacts of agricultural development on poverty alleviation.	Tobias Wünscher	
<u>1.00 a 4.00</u>	Grassroot innovations – a largely ignored potential for improving agricultural production and marketing. Introduction to grassroot innovations in agriculture (theory, concept, initiatives and examples from Africa, Asia and Latin America)	Tobias Wünscher <u>Readings:</u> Waters-Bayer, A., Dorlöchter-Sulser, S., Quiroga, G., Haussmann, B., and A. Ruf (eds.), 2016. Small-scale farmer innovation – How agricultural research works together with farmers. Weltsichten 7-2016 supplement. Reij, C., and Waters-Bayer, A., 2001. Farmer Innovation in Africa – A source of inspiration for agricultural development	

Date/Time	Subject	Professor-Readings-Comments	Logistics
Friday, June 23 <u>8.00 -11.00</u>	Local knowledge and Sustainable Development - Ways of knowing: techno and ethno science, vernacular knowledges, the local and the global. - Colonialism and indigenous resistance. - Modernity and local cosmologies.	Udi Mandel/Kelly Teamey <u>Readings:</u> Udi Mandel /Kelly Teamey ‘Re-Learning the Land: A Story of Red Crow College (documentary film) ‘The Goddess and the Computer’ (documentary film) Tebtebba – Indigenous People’s Self-Determined Development Alberto Acosta: Toward the Universal Declaration of Rights of Nature	
<u>1.00 – 4.00</u>	Learning with/from local communities and knowledges - Participatory forms of research – how does it work and what added benefits does it provide? - Critiques of top-down research. Participant Observation/ Observant Participation. - Inquiry in Solidarity and Convivial Research. - Speaking in Tongues: Communicating Research.	Udi Mandel /Kelly Teamey Jelena Porsanger - An Essay on Indigenous Methodologies Karen Potts and Leslie Brown - ‘Becoming an Anti- Oppressive Researcher’ (ch. 10) in Research as Resistance <i>American Indian Higher Education Consortium - Strategies for Grounding the Evaluation in Traditional Ways of Knowing and Core Values</i> Majid Rahnema ‘Participation’ Cornwall and Gujt ‘Shifting perceptions, changing practices in PRA’	

Date/Time	Subject	Professor-Readings-Comments	Logistics
Saturday, June 24 - Sunday, June 25	<u>Field Visit # 2</u> - Ditsöwö u and Amubri Talamanca Bribri Indigenous communities and Cacao Association (Puerto Viejo) <u>Report II (20 % grading) - Reflection II</u>	Udi Mandel / Kelly Teamey	
Monday, June 26 <u>8.00 – 11:00</u>	Family Farming, food security and food sovereignty	Julieta Mazzola	
<u>1.00 a 4.00</u>	Sustainable Livelihoods Framework Project Cycle: identifying problems and the action plan	Julieta Mazzola <u>Readings:</u> Paths of Hope, Livelihoods in Three Caribbean Communities of Costa Rica (ACASI) (documentary film) DFID: Sustainable Livelihoods Guidance Sheets Making time for your Community: Decision Making (p.1-5). University of Kansas: Developing an Action Plan. Community Tool Box.	
Tuesday, June 27 <u>8.00 a 11.00</u>	Gender Issues - Basic and strategic needs as a planning tool	Julieta Mazzola <u>Readings:</u> Paths of Hope, Livelihoods in Three Caribbean Communities of Costa Rica (La Florita) (documentary film)	

Date/Time	Subject	Professor-Readings-Comments	Logistics
		<p>ILO: A conceptual framework for gender analysis and planning.</p>	
<p>1.00 a 4.00</p>	<p><u>Field Visit # 3</u> La Argentina Women Association and Agro-ecoturism Association</p> <p><u>Report III</u> (20 % grading)</p>	<p>Julieta Mazzola</p>	
<p><u>Wednesday, June 28</u></p>	<p>Juegos EARTH</p>		
<p><u>Thursday, June 29</u></p> <p><u>8.00 – 11.00</u></p>	<p>Payments for Ecosystem Services (PES) in Costa Rica – an alternative development strategy for rural communities with a focus on agricultural production</p> <p>Introduction to PES (theory, concept, PES in Costa Rica, PES in other countries, impacts, criticism, etc.)</p>	<p>Tobias Wünscher</p> <p><u>Readings:</u> Farley, J. and R. Costanza (eds.), 2008. Payments for Ecosystem Services: From Local to Global. Ecological Economics 69(11): 2045-2302.</p> <p>Pascual, U., Corbera, E., Muradian, R., and N. Kosoy (eds.), 2008. Payments for Environmental Services: Reconciling Theory and Practice. Ecological Economics, 69(6): 1193-1364.</p> <p>Wunder, S., Engel, S. and S. Pagiola (eds), 2008. Payments for Environmental Services in Developing and Developed Countries. Ecological Economics 65(4): 663-852.</p>	
<p><u>1.00 a 4.00</u></p>	<p><i>Political Ecology and the Economy: Community</i></p>	<p>Udi Mandel/ Kelly Teamey</p> <p><u>Readings:</u></p>	

Date/Time	Subject	Professor-Readings-Comments	Logistics
	<p><i>Development in a World of Finite Resources</i></p> <p>- Approaches to valuing – beyond the monetary.</p> <p>- Alternative Indicators of Sustainable Development: Buen Vivir, De-growth and GNH.</p> <p>Doughnut economics</p> <p>- Is Capitalism compatible with an Ecological Society</p>	<p>Herman Daly - Ecological Economics and Sustainable Development</p> <p>Michael Peet and Richard Watts – Liberation Political Ecology (Introduction) in Liberation Ecologies: Environment, Development, Social Movements</p> <p>Bob Thomson - Pachakuti: Indigenous perspectives, buen vivir, sumaq kawsay and degrowth – Development journal (2011)</p>	
<p>Friday, June 30</p> <p><u>8.00 – 1.00</u></p>	<p><u>Field Visit # 4 –</u></p> <p>“Reventazón” Hydroelectric Project</p> <p>- Inquiry using alternative indicators of sustainable development.</p> <p>- Cost and Benefit analysis – which/whose indicators?</p> <p><u>Report IV (20 % grading)</u></p>	<p>Udi Mandel/Kelly Teamey</p> <p>Jurgen Carls and Warren Haffar – Conflict Resolution of the Boruca Hydro-Energy Project: Renewable Energy Production in Costa Rica</p> <p>Arundhati Roy – The Greater Common Good</p> <p>‘Damnation’ (documentary film)</p> <p>‘Dam/age’ (documentary film)</p>	
<p><u>2.30 – 4.00</u></p>	<p><i>Final Discussion– Program Ends - Evaluation</i></p>	<p>Tobias Wünscher/Udi Mandel /Julieta Mazzola / Nico Evers / Luis Reyes</p>	
<p>Saturday, July 1</p>	<p><u>Travel Back to Airport</u></p>		

References: (NOTE: Instructor will provide copies of these readings).

Required:

Action for enterprise (2013): A short guide for pro-poor value chain program design. Australian Government Department of Foreign Affairs and Trade - Australian Aid Program [on line]

<http://www.actionforenterprise.org/pro-poor.pdf>

Acosta, Alberto (2010) 'Toward the Universal Declaration of Rights of Nature: Thoughts for action'. *AFESE Journal*. August.

Brown, Leslie and Strega, Susan (Eds.) (2005) *Research As Resistance: Critical, Indigenous, and Anti-Oppressive Approaches*. Canadian Scholars' Press/Women's Press: Toronto.

Daly, Herman (2007) *Ecological Economics and Sustainable Development, Selected Essays of Herman Daly*. Edward Elgar Publishing Limited: Cheltenham.

DFID (1999): Sustainable Livelihoods Guidance Sheets [on line]

<http://www.eldis.org/vfile/upload/1/document/0901/section2.pdf>

Esteve, G. (2010) *Development in Sachs, W. (2010) The Development Dictionary: A Guide to Knowledge as Power*, London: Zed Books

Farley, J. and R. Costanza (eds.), 2008. Payments for Ecosystem Services: From Local to Global. *Ecological Economics* 69(11): 2045-2302.

Illich, I. (2010) *Needs*, in Sachs, W. (2010) *The Development Dictionary: A Guide to Knowledge as Power*, London: Zed Books

ILO: A conceptual framework for gender analysis and planning [on line]

<http://www.ilo.org/public/english/region/asro/mdtmanila/training/unit1/exgneeds.htm>

Jara C. (2005): Social quality and sustainable development of rural territories. *Rural Development*. 34 Technical Handbook. IICA. [on line] <http://repiica.iica.int/docs/B0734i/B0734i.PDF>

Jurgen C., and Haffar, W. (Eds.) (2010) *Conflict Resolution of the Boruca Hydro-Energy Project: Renewable Energy Production in Costa Rica*. Continuum International: London.

Orr, D. (2011) 'The Problem of Sustainability' and 'Two Meanings of Sustainability' in Orr, D. *Hope is an Imperative: The Essential David Orr*, London: Island Press.

Pascual, U., Corbera, E., Muradian, R., and N. Kosoy (eds.), 2008. Payments for Environmental Services: Reconciling Theory and Practice. *Ecological Economics*, 69(6): 1193-1364.

Porsanger, J. (2004), 'An Essay about Indigenous Methodology', University of Tromso.

Rahnema, Majid (2010) 'Participation' in Sachs, W. (2010) *The Development Dictionary: A Guide to Knowledge as Power*, London: Zed Books

Reij, C., and Waters-Bayer, A., 2001. Farmer Innovation in Africa – A source of inspiration for agricultural development

Tauli-Corpuz, V., Enkiwe-Abayao, L. and de Chavez, R. (Eds.) (2010) *Towards an Alternative Development Paradigm: Indigenous Peoples' Self-Determined Development* Tebtebba Foundation: Baguio City.

University of Kansas: Community Tool Box. Developing an Action Plan. Chapter 8. Section 5. Work Group for Community Health and Development [on line] <http://ctb.ku.edu/en/table-of-contents/structure/strategic-planning/develop-action-plans/main>

Waters-Bayer, A., Dorlöchter-Sulser, S., Quiroga, G., Haussmann, B., and A. Ruf (eds.), 2016. Small-scale farmer innovation – How agricultural research works together with farmers. *Weltsichten* 7-2016 supplement.

Wikipedia: Agricultural Value Chain [on line] https://en.wikipedia.org/wiki/Agricultural_value_chain

Wunder, S., Engel, S. and S. Pagiola (eds), 2008. Payments for Environmental Services in Developing and Developed Countries. *Ecological Economics* 65(4): 663-852.

IFAD: IFAD and the post-2015 global development agenda. [on line] [https://www.ifad.org/who/post2015 P.1-3](https://www.ifad.org/who/post2015/P.1-3)

Documentary films and videos

Damnation (2014) 94 min directed by Travis Rummel, Ben Knight.

From Farm to Market to Table: A value Chain Approach. Feed the Future. Global Forum. USAID Bureau for Economic Growth, Environment and Education [on line] <https://www.youtube.com/watch?v=BKOEhLeNGSc>

Making Markets work for the Poor (M4P): An innovative approach to poverty reduction. <https://www.youtube.com/watch?v=OLcykkrMs4>

Paths of Hope, Livelihoods in Three Caribbean Communities of Costa Rica. The Development Communication Workshop.

Re-Learning Hope: A Story of Unitierra (2016) 65min a documentary by Udi Mandel and Kelly Teamey

Re-Learning the Land: A Story of Red Crow College (2015) 68min 65min a documentary by Udi Mandel and Kelly Teamey

The Goddess and the Computer (1988) 58min a documentary by J. Stephen Lansing and Andre Singer

Other references:

American Indian Higher Education Consortium (2009) 'Strategies for Grounding the Evaluation in Traditional Ways of Knowing and Core Values'. American Indian Higher Education Consortium.

Cazorla, De los Rios, Hernández, Yagüe: Working with people: rural development project with Aymaras Communities of Peru. Planning and management of sustainable Rural development research group, Rural Planning and projects Department. Universidad Politécnica de Madrid. 2010. [on line] http://ocw.upm.es/proyectos-de-ingenieria/planning-in-the-public-domain-from-knowledge-to-action/contenidos/CaseStudy_Ageng_Puno.pdf

Cavaye, Jim: Community Capacity Building Toolkit for Rural and Regional Communities. Queensland Government Department of Communities [on line] <http://www.qld.gov.au/web/community-engagement/guides-factsheets/documents/rural-capacity-building-toolkit.pdf>

CIDA/ACDI: Promoting sustainable Rural Development through Agriculture. Canada Making a difference in the World. Quebec. Canada. 2003. [on line] [http://www.acdi-cida.gc.ca/inet/images.nsf/vLUIImages/agriculture/\\$file/Agriculture-e.pdf](http://www.acdi-cida.gc.ca/inet/images.nsf/vLUIImages/agriculture/$file/Agriculture-e.pdf)

Cornwall A and Jewkes R.: What is participatory Research? Elsevier Science Ltd. Soc. Sct. Med. Vol. 41 N°12 pp 1667-1676 1995

Cornwal and Gujt (2004) 'Shifting perceptions, changing practices in PRA: from infinite innovation to the quest for quality'. *Participatory Learning and Action*, 50: 160-167.

Escobar, A.: Encountering Development, the making and unmaking of the third world. Princeton studies in cultur/power/history. Princeton University Press. Princeton, New Jersey. USA: 1995. ISBN 0-691-03409

Fals-Borda O.: The application os participatory Action Research in Latin America. *International Sociology* 1987 2:329

IFAD: Community –driven development decision tools for rural development programmes [on line] <https://www.ifad.org/documents/10180/311a528e-3561-461f-8fb9-987e02c4f0fc>

Minkler M.: Community- Based Research Partnerships: Challenges and Opportunities. *Journal of Urban Health: Bulletin of the New York Academy of Medicine*, Vol. 82, N°2 Supplement 2

McPhaul John ‘Costa Rica Struggles with Indigenous Land Rights’ Cultural Survival, available at [https://www.culturalsurvival.org/news/costa-rica-struggles-indigenous-land-rights]

Peet, Michael and Richard Watts (Eds.) (2004) *Liberation Ecologies: Environment, Development, Social Movements*. Routledge: London.

Thomson, Bob (2011) ‘Pachakuti: Indigenous perspectives, buen vivir, sumaq kawsay and degrowth’. *Development*, 2011, 54(4), (448–454).

Walker, K. (2001): Making time for your Community: Decision Making (p.1-5). Kansas State University Agricultural Experiment Station and Cooperative Extension Services. [on line] <https://www.bookstore.ksre.ksu.edu/pubs/EPI02.pdf>

Grading and class preparation:

Students are expected to demonstrate their preparation for class and their understanding of course material through active participation in class on a daily basis. Students are expected to respond to oral questioning related to discussion topics. Each student is responsible for contributing to class discussion on a regular basis. Students will prepare presentations and reports on the issues discussed in each field trip which will be reviewed and evaluated by the teachers in charge. They must perform two reflection activities orally or in writing.

Report I (Field Trip I)	20 %
Report II (Field Trip II)	20 %
Report III (Field Trip III)	20 %
Report IV (Field Trip IV)	20 %
Participation in Reflection Activities	20 %
Total	100 %