

Reporting Climate Change and Sustainable Development

3rd Year Elective Module in Three-Year Bachelor's Degree in Journalism or Mass Communication

Course Description: This course is designed to develop deep and broad understanding of sustainable development and climate change as well as its interconnection with institutions especially media. On top of the understanding, the students will be able to cover a story about sustainable development and climate change in compelling and educational fashion.

Mode: Lectures, seminar discussion and tutorials / workshops.

Number of weeks: 12 weeks, 1 semester

Number of hours per week: 3 hours (1 hour lecture + 2 hour tutorial or seminar discussion)

Required and Recommended Texts:

- ADB (2014), Climatic Change and rural communities in the Greater Mekong Region, CEP Knowledge Series #1, Greater Mekong Subregion Core Environment Program, Thailand.
- Beg, Noreen, Jan Corfee Morlot, Ogunlade Davidson, Yaw Afrane-Okesse, Lwazikazi Tyani, Fatma Denton, Youba Sokona et al. (2002). "Linkages between climate change and sustainable development." *Climate policy* 2, no. 2-3: 129-144.
- Cohen, Stewart, David Demeritt, John Robinson, and Dale Rothman (1998). "Climate change and sustainable development: towards dialogue." *Global Environmental Change* 8, no. 4: 341-371.
- Change, Intergovernmental Panel On Climate (2001). "Climate change 2007: Impacts, adaptation and vulnerability." *Genebra, Suíça*.
- Dan, Yu (2006), Confucius from the heart: Ancient Wisdom for Today's World, Zhonghua Book Company, China,
- Dixit, Kunda (2011), Dateline Earth: Journalism as if the Planet Mattered, 2nd edition, IPS, Bangkok
- EBAC (2016), Corporate Agenda of Sustainable Development: Towards Responsible Business 2.0, UNESCAP, Bangkok – retrieve from <http://www.unescap.org/resources/corporate-agenda-sustainable-development-towards-responsible-business-20>
- ESCAP (2016), Asia-Pacific Countries with special needs Development Report 2016, UN-ESCAP, Bangkok - retrieve from <http://www.unescap.org/sites/default/files/CSN%20Report%202016.pdf>

- Figueroa, Maria Elena, D. Lawrence Kincaid, Manju Rani, and Gary Lewis (2002). "Communication for social change: an integrated model for measuring the process and its outcomes."
- Grossman, N (ed)(2015), Thailand's Sustainable Development Sourcebook, EDM, Bangkok
- Jayaweera, Neville, and Sarath Amunugama, eds. (1987). *Rethinking development communication*. Singapore: Asian Mass Communication Research and Information Centre.
- Markandya, Anil, and Kirsten Halsnaes (2002). *Climate change and sustainable development: prospects for developing countries*. Earthscan,
- Payutto, P.A (1998), Buddhist Economics: A Middle Way for the Market Place, Buddhadhamma Foundation, Bangkok.
- Pearce, David William, and Jeremy J (1993). Warford. *World without end: economics, environment, and sustainable development*. Oxford University Press.
- Schumacher, E.F (1973), Small is beautiful: Economics as if People mattered, Harper and Row, USA
- Servaes, Jan (1999). *Communication for development: One world, multiple cultures*. Cresskill, NJ: Hampton Press.
- Sivaraksa, Sulak (2009), The Wisdom of Sustainability: Buddhist Economics for the 21st century, Souvenir Press, Thailand
- Swart, Rob, John Robinson, and Stewart Cohen (2003). "Climate change and sustainable development: expanding the options." *Climate Policy* 3, no. sup1 (2003): S19-S40.
- TWN (2015), Paris Climate news updates, Third World Network, Malaysia – retrieve from <http://www.lotuscomm.org/news/sustainable-development/1195-myanmar-govt-rejects-china-s-request-for-timber-based-industrial-zone>
- UN-HABITAT/ESCAP(2014), Pro-Poor urban climate resilience in Asia and the Pacific, UNHABITAT/ESCAP, Kenya/Thailand
- Wilkins, Karin Gwinn (2002). *Redeveloping communication for social change: Theory, practice, and power*. Rowman & Littlefield.

Recommended Climatic Change and Development Information Websites:

- Asian Development Blog - <http://blogs.adb.org>
- Climatic Change in Asia - <http://www.ejap.org/cca/>
- Food and Agriculture Organization (FAO) -<http://www.fao.org/home/en/>
- iMekong - <https://www.imekong.org>
- Intergovernmental Panel on Climate Change (IPCC) -<http://www.ipcc.ch/>
- Inter Press Service - News Agency – <http://www.ips.org/>

- International Press Syndicate - <http://www.international-press-syndicate.org>
- The Global Goals for Sustainable Development -<http://www.globalgoals.org/>
- Third World Network - <http://thirdworldnetwork.net/>
- United Nations Sustainable Development-<https://sustainabledevelopment.un.org/>
- United Nations Education, Scientific and Cultural Organization (UNESCO)-
<http://en.unesco.org/>

Course Description

Week 1 Lecture: The development of “Development”

This lecturer will give an overview of the concept of “Development” from the past until the emerging of the concept of sustainable development. The lecture will also highlight the impacts of unsustainable development.

Tutorial: Divide the class into 5 or 6 groups and ask them to discuss about the indicators of “development”.

References:

- Baharuddin, A (2011), Sustainable Development in the spiritual context as an denominator for Asian-Arab philosophical dialogue, Asian-Arab Philosophical Dialogue on Culture of Peace and Human Dignity, UNESCO, Bangkok, p194-203.
- Gereffi, Gary (198). "Rethinking development theory: insights from East Asia and Latin America." In *Sociological Forum*, vol. 4, no. 4, pp. 505-533. Kluwer Academic Publishers-Plenum Publishers.
- Hoogvelt, Ankie (1990). "Rethinking development theory." *The Sociological Review* 38, no. 2: 352-361.
- Krugman, Paul R (1997). *Development, geography, and economic theory*. Vol. 6. MIT press.
- Pieterse, Jan Nederveen (2010). *Development theory*. Sage.
- Rapley, John (1997). *Understanding development: Theory and practice in the third world*. Psychology Press.
- Quebral, Nora.C (2012), Development Communication Primer, Southbound, Malaysia – retrieve from
<http://www.southbound.com.my/downloads/QuebralCruzPrimer2012.pdf>
- Rist, Gilbert (2000). *The history of development: from western origins to global faith*. Zed books.
- Ros, Jaime (2001). *Development theory and the economics of growth*. University of Michigan Press.

- Saran, A.K (1963), Hinduism and Economic Development in India, Archives des Sociologies des Religions, vol.15, no.1, p87-94 – retrieve from http://www.persee.fr/doc/assr_0003-9659_1963_num_15_1_1726

Schuurman, Frans J (1993). *Beyond the impasse: New directions in development theory*. Zed Books.

Week's Recommended Readings:

- Antle, John M., and Gregg Heidebrink (1995). "Environment and development: theory and international evidence." *Economic Development and Cultural Change* 43, no. 3: 603-625.
- Bardhan, Pranab (1989). "The new institutional economics and development theory: a brief critical assessment." *World Development* 17, no. 9 (1989): 1389-1395.
- Burkett, Paul, and Martin Hart-Landsberg (1998). "East Asia and the crisis of development theory." *Journal of Contemporary Asia* 28, no. 4: 435-456.
- Labayan, J.X (2005) , ch 6, The Asian Future: Dialogue for Change, vol 1, pp 192-225, Zeb Books.London/New York.
- Leys, Colin (1996). "The rise and fall of development theory."
- Ostrom, Elinor (1998). "The institutional analysis and development approach." *Designing institutions for environmental and resource management*: 68-90.
- Wahid, A (2005) , ch 7, The Asian Future: Dialogue for Change, vol 1, pp 226-245, Zeb Books.London/New York.
- Weiming, T (2005) , ch 4, The Asian Future: Dialogue for Change, vol 1, pp 137-169, Zeb Books.London/New York.
- **Woolcock, Michael, and Deepa Narayan (2000). "Social capital: Implications for development theory, research, and policy." *The world bank research observer* 15, no. 2 : 225-249.**

Videos:

- A very brief history of development – <https://www.youtube.com/watch?v=D-nAMmR6lks>
- International development theories – <https://www.youtube.com/watch?v=p4eKL1kPUPo>

- What is international development (School of International Development)- https://www.youtube.com/watch?v=l26W3Xi_pGQ

Week 2 Lecture: What is Sustainable Development?

An examination of what is meant by “sustainable development” and various definition of it – historic and contemporary.

Tutorial: Ask students to present a good example of a sustainable development story they can find.

References:

- Baker, Susan, ed. (2012). *Politics of Sustainable Development*. Routledge.
- Clark, Norman, Francisco Perez-Trejo, and Peter Allen (1995). *Evolutionary dynamics and sustainable development: a systems approach*. Edward Elgar Publishing Ltd.
- Elliott, Jennifer (2012). *An introduction to sustainable development*. Routledge.
- Glasbergen, Pieter, Frank Biermann, and Arthur PJ Mol, eds., (2007). *Partnerships, governance and sustainable development: Reflections on theory and practice*. Edward Elgar Publishing.
- Grossman, N (ed)(2015), part 1, pp20-41, Thailand's Sustainable Development Sourcebook, EDM, Bangkok
- Khor, M (2007), Development issues crucial for post-2012 climate regime, Third World Network briefing paper, Malaysia – refer to <http://www.twn.my/title2/climate/fullpdf/balifullinlcover.pdf>
- Klien, N (1999). No Logos, Pan Books, USA
- Lafferty, William M., and Katarina Eckerberg (2013). *From the Earth Summit to Local Agenda 21: working towards sustainable development*. Vol. 12. Routledge.
- Pearce, David William, and Jeremy J. Warford (1993). *World without end: economics, environment, and sustainable development*. Oxford University Press.
- Schumacher, E.F (1973), *Small is beautiful: Economics as if People mattered*, Harper and Row, USA
- Sivaraksa, Sulak (2009), *The Wisdom of Sustainability: Buddhist Economics for the 21st century*, Souvenir Press, Thailand
- Wickremasinghe, J.W (2002), *The end of Economic Science & the beginning of People-Friendly Economics*, Buddhist Cultural Centre, Sri Lanka.

Week's Recommended Readings:

- Daly, Herman E (1990). "Sustainable development: from concept and theory to operational principles." *Population and development review* 16: 25-43.

- Dasgupta, Partha (2007). "Measuring sustainable development: theory and application." *Asian Development Review* 24, no. 1: 1.
- Doyle, Timothy (1998). "Sustainable development and Agenda 21: the secular bible of global free markets and pluralist democracy." *Third World Quarterly* 19, no. 4: 771-786.
- Du Plessis, Chrisna (2002). "Agenda 21 for sustainable construction in developing countries." *CSIR Report BOU E* 204.
- Giampietro, Mario (1994). "Using hierarchy theory to explore the concept of sustainable development." *Futures* 26, no. 6: 616-625.
- Hopwood, Bill, Mary Mellor, and Geoff O'Brien (2005). "Sustainable development: mapping different approaches." *Sustainable development* 13, no. 1: 38-52.
- Kemp, René, Saeed Parto, and Robert B. Gibson (2005). "Governance for sustainable development: moving from theory to practice." *International Journal of Sustainable Development* 8, no. 1-2: 12-30.
- Khor, M (2016). Sustainable goals to get action going, 29 Feb, The Star, Malaysia – retriev from <http://www.twn.my/title2/unsd/2016/unsd160301.htm>
- Luke, Timothy W (2005). "Neither sustainable nor development: reconsidering sustainability in development." *Sustainable development* 13, no. 4: 228-238.
- Smit, Barry, and Olga Pilifosova (2003). "Adaptation to climate change in the context of sustainable development and equity." *Sustainable Development* 8, no. 9: 9.
- Read pp 38-69 Sufficiency economy in action - UNDP(2007), Sufficiency Economics and Human Development, Thailand Human Development Report 2007, UNDP, Bangkok

Videos:

- Human Development is Human Rights (UNDP/YATV) <https://www.youtube.com/watch?v=-6OB40RCKSg>
- What is Human Development (UNDP) - <https://www.youtube.com/watch?v=HwgZQ1DqG3w>
- United Voices, Sustainable Solutions (Wetland protection in Kolkata) <https://www.youtube.com/watch?v=l2t1Yt2-y4o>

Week 3 Lecture: From MDGs to SDGs

Take a close look at MDGs and SDGS, what have been achieved and what are still challenging?

Tutorial: Students will compare MDGs and SDGs and find out what have been done and what have not.

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Week's Recommended Readings:

- Loewe, Markus (2012). "Post 2015: How to Reconcile the Millennium Development Goals (MDGs) and the Sustainable Development Goals (SDGs)?."
- Sachs, Jeffrey D. (2012). "From millennium development goals to sustainable development goals." *The Lancet* 379, no. 9832: 2206-2211.
- Simkiss, D (2015). "The Millennium Development Goals are Dead; Long Live the Sustainable Development Goals." *Journal of tropical pediatrics* 61, no. 4 (2015): 235-237.

Theoretical Perspectives

- Spijkers, Otto, and Arron Honniball (2014). "MDGs and SDGs: Lessons Learnt from Global Public Participation in the Drafting of the UN Development Goals." *Vereinte Nationen: German Review on the United Nations* 62, no. 6 : 251-256.
- Weber, Heloise (2014). "When goals collide: Politics of the MDGs and the post-2015 sustainable development goals agenda." *SAIS Review of International Affairs* 34, no. 2: 129-139.

Videos:

- Transitioning from the MDGs to the SDGs-
https://www.youtube.com/watch?v=5_hLuEui6ww

Week 4 Lecture: Sustainable development in ASEAN

This lecture will explore the success stories and challenges of sustainable development issues in ASEAN.

Tutorial / Workshop:

The students will find out the success stories and challenges of sustainable development issues in ASEAN to share with other students.

References:

- Bauer, Armin, and Myo Thant, eds (2010). *Poverty and Sustainable development in Asia: Impacts and Responses to the Global Economic Crisis*. Philippines: ADB.
- Kandari, O.P and Chandra, A eds (2004), *Tourism, Biodiversity and Sustainable Development*, Isha Books, India – retrieve and read from <http://www.philstar.com/business/2016/01/25/1545903/10-year-masterplan-asean-pushes-sustainable-tourism>

- Kheng-Lian, Koh, and Nicholas A. Robinson (2002). "Strengthening Sustainable Development in Regional Inter-Governmental Governance: Lessons from the ASEAN Way." *Sing. J. Int'l & Comp. L.* 6: 640.
- Mori, Akihisa (2013). *Environmental Governance for Sustainable Development: East Asian Perspectives*. United Nations University Press.

Week's Recommended Readings:

- ADB (2014), Climatic Change and rural communities in the Greater Mekong Region, CEP Knowledge Series #1, Greater Mekong Subregion Core Environment Program, Thailand.
- Banerjee, Subhabrata Bobby (2003). "Who sustains whose development? Sustainable development and the reinvention of nature." *Organization Studies* 24, no. 1: 143-180.
- Hezri, Adnan A., and Mohd Nordin Hasan (2006). "Towards sustainable development? The evolution of environmental policy in Malaysia." In *Natural Resources Forum*, vol. 30, no. 1, pp. 37-50. Blackwell Publishing Ltd.
- Quazi, Hesam A. (2001). "Sustainable development: integrating environmental issues into strategic planning." *Industrial Management & Data Systems* 101, no. 2: 64-70.

Sample Stories:

- Eleven Media (2016), Myanmar: Govt rejects China's request for timer based industrial zone, 12 Jan, Eleven media, Myanmar – retrieve from <http://www.lotuscomm.org/news/sustainable-development/1195-myanmar-govt-rejects-china-s-request-for-timber-based-industrial-zone>
- Fonbuena, C (2011), A long way from food security, pp8-9, Feb-March, Asiaviews, Jakarta (PhilFarmers.pdf)
- Seneviratne, K (2016), Mekong River: China's release of water reflects a greater environmental crisis, 24 March, Lotus News feature – retrieve from <http://www.lotuscomm.org/news/special-lotus-features/1247-mekong-river-china-s-release-of-water-reflects-a-greater-environmental-crisis>
- Simeon, L.A (2016), 10-year masterplan ASEAN ush for sustainable tourism, 25 Jan, Philippines Star, Manila – retrieve from <http://www.philstar.com/business/2016/01/25/1545903/10-year-masterplan-asean-pushes-sustainable-tourism>
- Sudo, D (2007), Indonesian farmers burn forests for better crops, pp7-8, Nov-Dec, Asiaviews, Jakarta (IndonFarmers.pdf)

Video:

- Threats to Mekong Delta from Development (Dzap Production)
<https://www.youtube.com/watch?v=Tnf5kAKywLo>

Week 5 Lecture: What is Climate Change?

Giving the background of climate change especially from scientific perspective.

Tutorial: Students will be discuss about the causes of climate change.

References:

- Bindoff, Nathaniel L., Peter A. Stott, M. AchutaRao, Myles R. Allen, N. Gillett, David Gutzler, Kabumbwe Hansingo et al. (2013). "Detection and attribution of climate change: from global to regional."
- Bulkeley, Harriet, and Peter Newell (2015). *Governing climate change*. Routledge.
- Gerber, Pierre J., Henning Steinfeld, Benjamin Henderson, Anne Mottet, Carolyn Opio, Jeroen Dijkman, Allessandra Falcucci, and Giuseppe Tempio (2013). *Tackling climate change through livestock: a global assessment of emissions and mitigation opportunities*. Food and Agriculture Organization of the United Nations (FAO).
- Hansen, James E., and Makiko Sato (2012). *Paleoclimate implications for human-made climate change*. Springer Vienna.
- Intergovernmental Panel on Climate Change (2014). *Climate Change 2014–Impacts, Adaptation and Vulnerability: Regional Aspects*. Cambridge University Press.
- Intergovernmental Panel on Climate Change (2015). *Climate Change 2014: Mitigation of Climate Change*. Vol. 3. Cambridge University Press.
- Mach, K., and M. Mastrandrea (2014). *Climate change 2014: impacts, adaptation, and vulnerability*. Vol. 1. Cambridge, New York, NY: Cambridge University Press.
- Raman, M (2015), The climatic change battle in Paris, TWN, Malaysia (The climate change battle in Paris.pdf)

Week's Recommended Readings:

- Christensen, Jens Hesselbjerg, Krishna Kumar Kanikicharla, Gareth Marshall, and John Turner (2013). "Climate phenomena and their relevance for future regional climate change." : 1217-1308.
- Hansen, James, Makiko Sato, and Reto Ruedy (2012). "Perception of climate change." *Proceedings of the National Academy of Sciences* 109, no. 37: E2415-E2423.

Sample Stories:

- Ganapathy, Nirmala (2016), India scrambles to get water for 330 million people, 25 April, Straits Times, Singapore - retrieve from <http://www.straitstimes.com//asia/south-asia/india-scrambles-to-get-water-to-330-million-people>
- Gosh, Nirmal (2016), Coffee crops die in Vietnam, Thai rice yield shrinks, 25 April, Straits Times, Singapore - retrieve from <http://www.straitstimes.com/asia/se-asia/coffee-crops-die-in-vietnam-thai-rice-yield-shrinks>
- Wheeler, Tim, and Joachim von Braun (2013). "Climate change impacts on global food security." *Science* 341, no. 6145 : 508-513.

Week 6 Lecture: Impacts of Climate Change

Exploring the impact of climate change in various aspects.

Tutorial: Discussion on the impact of climate change on economic, society and politics.

References:

- ADB (2013), Food Security in the Asia Pacific, pp 61-69, ADB, Manila – retrieve from <http://www.adb.org/sites/default/files/publication/30349/food-security-asia-pacific.pdf>
- Archer, David (2010). *The Long Thaw: How Humans Are Changing the Next 100,000 Years of Earth's Climate*. US: Princeton University Press.
- Hardy, John T. (2003). *Climate Change: Causes, Effects, and Solutions*. Wiley.
- Mendelsohn, Robert, Kerry Emanuel, Shun Chonabayashi, and Laura Bakkensen (2012). "The impact of climate change on global tropical cyclone damage." *Nature Climate Change* 2, no. 3: 205-209.
- Peñuelas, Josep, Jordi Sardans, Marc Estiarte, Romà Ogaya, Jofre Carnicer, Marta Coll, Adria Barbeta et al. (2013). "Evidence of current impact of climate change on life: a walk from genes to the biosphere." *Global change biology* 19, no. 8: 2303-2338.
- OECD (2015). *The Economic Consequences of Climate Change*, OECD Publishing, Paris.
- Piguet, Etienne, and Frank Laczko, eds. (2013). *People on the move in a changing climate: The regional impact of environmental change on migration*. Vol. 2. Springer Science & Business Media.
- Shiva, V (2015), climatic change in the Himalayas, Navdanya, India – retrieve from <http://www.navdanya.org/climate-change/in-the-himalayas>
- Tol, Richard SJ. (2012). "On the uncertainty about the total economic impact of climate change." *Environmental and Resource Economics* 53, no. 1: 97-116.
- Webersik, Christian (2010). *Climate Change and Security: A Gathering Storm of Global Challenges*. Praeger.
- WWF, Impact of Climatic change in the Himalayas on Asia – retrieve from http://wwf.panda.org/what_we_do/where_we_work/eastern_himalaya/threats/climate/
- UNEP(2011), Climate Change: Starters Guidebook, pp 5-37, UNESCO/UNEP, Paris (UNESCO"UNDPClimateChange.pdf)

Sample Stories:

- Islam, R (2016), Bangladesh's urban slums swell with climate migrants, 23 May, IPS, Bangladesh – retrieve from <http://www.ipsnews.net/2016/05/bangladeshs-urban-slums-swell-with-climate-migrants/>
- Perera, A (2016), Battered by storms Sri Lanka rethinks food security, 2 June, IPS, Sri Lanka – retrieve from <http://www.ipsnews.net/2016/06/battered-by-storms-sri-lanka-rethinks-food-security/>

- Rowlands, L (2016), Coral Reef tourism in danger as reefs struggle to adapt to warming, 7 June, IPS, Australia – retrieve from <http://www.ipsnews.net/2016/06/coral-reef-tourism-in-danger-as-reefs-struggle-to-adapt-to-warming/>
- Seneviratne, K (2016), South Pacific seeks action to solve climatic “terror” not of its own making, 20 May, INPS, Berlin – retrieve from <http://www.indepthnews.net/index.php/sustainability/global-partnerships/416-south-pacific-seeks-action-to-solve-climate-terror-not-of-its-making>

Videos:

- *Bhutan PM on Carbon Neutral - <https://www.youtube.com/watch?v=xCLZT5m6jaA>
- Philippines farmers fight drought (Al Jazeera) https://www.youtube.com/watch?v=7F_k7wOUIX4

Week 7 Lecture: Mitigation VS Adaptation

Examine the practices of mitigation and adaptation.

Tutorial: Debate on the pros and cons of mitigation and adaptation and what practice should be used in his/her country.

Reference:

- ADB (2009), Climatic Change ADB programs: Strengthening mitigation and adaptation in Asia and the Pacific – retrieve document from http://www.preventionweb.net/files/13813_Brochure.pdf
- Ahmed, M and Suphachalasai, S (2014), assessing the cost of climatic change and adaptation in South Asia, ADB, Manila – retrieve from <http://www.adb.org/sites/default/files/publication/42811/assessing-costs-climate-change-and-adaptation-south-asia.pdf>
- UNEP(2011), Climate Change: Starters Guidebook, pp 38-53, UNESCO/UNEP, Paris

Week 8 Lecture: Role of Media

This lecture will explore the role of media in reporting and advocating sustainable development and climate change.

Tutorial: Asking students to present a strategy to use either mainstream and social media to disseminate stories that can advocate or raise awareness on SD and CC.

References:

- Dixit, Kunda (2011), Dateline Earth: Journalism as if the Planet Mattered, 2nd edition, IPS, Bangkok

- Food And Agriculture Organization of the United Nations (2007). *Communication and Sustainable Development: Selected Papers from the 9th UN Roundtable on Communication for Development*. Rome: FAO.
- Khalid, Malik Zahra (2012). "Media and Development Communication: A Perspective," in *International Journal of Scientific and Research Publication* 2(5): p.1-5.
- Melkote, S. (1991). *Communication for Development in the Third World: Theory and Practice*. New Delhi/Newbury Park/London: Sage Publishers.
- Schramm, W. (1964), *Mass Media and National Development*. California: Stanford University Press.
- Sci Dev Net - <http://www.scidev.net/asia-pacific/environment/climate-change/>
- Servaes, J (2013), *Sustainable Development and Green Communication*. UK: Palgrave Macmillan.
- UNESCO (2015), *Media in Support of Sustainable Development and a Culture of Peace*. Indonesia: UNESCO.

Week 9 Lecture: Impact of Climate change in ASEAN

Examine climate change issues in ASEAN context,

Tutorial: Discuss about challenges and problems climate change in ASEAN context.

References:

- ADB (2009), The economics of climatic change in Southeast Asia: A regional reviews, ADB, Manila – retrieve from <http://www.adb.org/sites/default/files/publication/29657/economics-climate-change-se-asia.pdf>
- Amran, Azlan, Say Keat Ooi, Cheng Yew Wong, and Fathyah Hashim (2015). "Business strategy for climate change: an ASEAN perspective." *Corporate Social Responsibility and Environmental Management*.
- Caballero-Anthony, Mely, Paul Teng, Goh Tian, Maxim Shrestha, and Jonatan Lassa, (2015). *Linking Climate Change Adaptation and Food Security in ASEAN*. No. DP-2015-74.
- Kibugi, Robert, Rose-Liza E. Osorio, Ilan Kelman, and Kheng-Lian Koh, (2015). "Adaptation to Climate Change: ASEAN and Comparative Experiences."
- Koh, Kheng-Lian, Ilan Kelman, Robert Kibugi and Rose-Liza Eisma
- Osorio (2015). *Adaption to Climate Change: ASEAN and Comparative Experiences*. World Scientific.
- Ruamsuke, Kawin, Shobhakar Dhakal, and Charles OP Marpaung, (2015) "Energy and economic impacts of the global climate change policy on Southeast Asian countries: a general equilibrium analysis." *Energy* 81: 446-461.
- Shaw, Rajib, Juan M. Pulhin and Joy J. Pereira (2010). *Climate Change Adaptation and Disaster Risk Reduction: An Asian Perspective*. Emerald Group Publishing.

Vehman, Jarmo, Jyrki Luukkanen, Jari Kaivo-oja, Juha Panula-Ontto and Francesca Allievi (2012). *Key Trends of Climate Change in the ASEAN Countries: The IPAT:Decomposition Analysis 1980-2005*. Finland: Finland Futures Research Centre, University of Turku.

Week 10 Lecture: Role of International Organizations, Governments and NGOs

This lecture will explore the role of international organization, governments and NGOs in dealing with sustainable development and climate change.

Tutorial: Asking students to present about selected international/ intergovernmental organizations and NGOs who are active in SD and CC.

References:

- Banks, Nicola, and David Hulme (2012) "The role of NGOs and civil society in development and poverty reduction." *Brooks World Poverty Institute Working Paper* 171.
- Farrington, John, and David J. Lewis, eds. (2014). *Non-governmental organizations and the state in Asia: Rethinking roles in sustainable agricultural development*. Routledge.
- Finger, Matthias, and Thomas Princen (2013). *Environmental NGOs in world politics: Linking the local and the global*. Routledge.
- Foo, K. Y. (2013). "A vision on the role of environmental higher education contributing to the sustainable development in Malaysia." *Journal of Cleaner Production* 61: 6-12.
- Fowler, Alan (2013). *Striking a balance: A guide to enhancing the effectiveness of non-governmental organisations in international development*. Routledge.
- Hulme, David, and Michael Edwards (2013). *Making a Difference: NGO's and Development in a Changing World*. Routledge.
- Manibo, M (2014), NGO coalition urges ASEAN to demand "fair" climate deal, 26 Sept, Eco Business – retrieve from <http://www.eco-business.com/news/ngo-coalition-urges-asean-demand-fair-climate-deal/>
- Mowforth, Martin, and Ian Munt (2015). *Tourism and sustainability: Development, globalisation and new tourism in the third world*. Routledge.

Climatic NGO Websites:

- Climate Action Network - <http://www.climatenetwork.org/>
- Greenpeace International - <http://www.greenpeace.org/international/en/>
- Intergovernmental panel on climatic change - <https://www.ipcc.ch/>
- UN Environmental Program - <http://www.unep.org/>

Week 11 Lecture: Role of Communities and Individuals

This lecture will explore the role of communities and individuals in dealing with sustainable development and climate change.

Tutorial: Asking students to make a list of what communities and individual can do to cope with SD and CC.

References:

- Carley, Michael, Harry Smith, and Paul Jenkins (2013). *Urban development and civil society: The role of communities in sustainable cities*. Routledge.
- Kalas, P and Finlay, A (2009), Planting knowledge seed adapting to climatic change using ICTs, Building Community Opportunities Alliance – retrieve from https://www.apc.org/en/system/files/BCO_ClimateChange.pdf
- Ghai, Dharam, and Jessica M. Vivian (2014). *Grassroots environmental action: people's participation in sustainable development*. Routledge.
- Seneviratne, K and Thanenthiran, S (2004), *Cities, Chaos and Creativity: Sourcebook for Communicators*, TUGI-UNDP, Kuala Lumpur
- Warburton, Diane (2013). *Community and sustainable development: participation in the future*. Routledge.
- UNFCCC (2009), Community Radio as a knowledge tool in responding to climate change under the Nairobi work programme – retrieve from http://unfccc.int/resource/docs/publications/pub_nwp_community_radio_leaflet.pdf

Week 12 Lecture: How to cover CC and SD

Discussion about how the students can cover or integrate SD and CC issues into their media works.

Tutorial: Roundtable style interactive discussion on lessons learned in the module and how to adopt these to cover CC and SD and the type of media tools that could be used most effectively for it.

Assessments and Grading:

1) Class Attendance – 20%

Attendance is not an option. Class attendance will be taken and students are expected to contribute to class discussions and exercises to get a good grading for this component.

2) Presentation – 30%

In week 7 students should submit a 2000-2500 word essay explaining issues of climatic change and sustainable development and how it impacts on their country and region. They also need to reflect on what role the media should play in helping the people to prepare and cope with climatic change while adopting sustainable lifestyles. Students may work in groups of 2-3 on this assignment.

3) *Exam or Special 2000-2500 Word News Feature with Pictures - 50%*

Based on the policies of individual faculties/tertiary institutions, there will either be an end of semester exam or alternatively students will do an individual feature story of between 2000-2500 words with pictures on a topic that is related to climate change and/or sustainable development. To do the latter exercise, students need to have done courses in news and feature writing as a pre-requisite for this module.

(END)