

COLLOQUIUM

FLORIDA
GULF COAST
UNIVERSITY

UNIVERSITY COLLOQUIUM: A SUSTAINABLE FUTURE

SUMMER A TERM 2009

State of the World Group Projects Assignments

There will be 8 groups of no more than 3 members each presenting on topics related to the State of the World (SOW) Chapters and applications of those topics to our local environment. Presentations are expected to be approximately 20 minutes each to allow 5-8 minutes for rich discussion after each presentation. This handout will provide guidance with questions and recommendations and resources to help guide you in the presentations. The presentations (with your permission) will be archived on the Colloquium Summer 09 webpage. They can be in any AV format or combination of formats. Presenters most commonly prepare powerpoint or create webpages, but others have created videos and other styles of presentation.

Group 1 Chapters 1 & 2 The perfect storm and A safe landing for the climate (p13-29)

Group 2 Chapter 4 Farming and Land Use to Cool the planet (p.30-50)

Group 3 Local applications of Farming and Land Use

Group 4 Chapter 4 An Enduring Energy Future (p 130-150)

Group 5 Local applications of Enduring Energy Future

Group 6 Chapter 5 Building Resilience (p 151-168)

Group 7 Local applications of Building Resilience

Group 8 Chapter 6 Sealing the Deal to Save the Climate (p. 169-188)

Each group MUST use at least two resources beyond SOW 2009. These may be references cited within the chapter (highly recommend; especially the IPCC resources available online at <http://www.ipcc.ch/index.htm>).

Group 1 Chapters 1 & 2 The perfect storm and A safe landing for the climate (p13-29)

Summarize chapters and emphasize your interests in relation to your fields of study and/or career goals.

Group 2 Chapter 4 Farming and Land Use to Cool the planet (p.30-50)

Summarize chapter and emphasize your interests in relation to your fields of study and/or career goals. Research and present especially in regards to the comment regarding public policy to support the transition. Educate the audience on the U.S. subsidies to agriculture that “exacerbate ...overexploitation...while reinforcing unsustainable agricultural practices” (p.46).

Group 3 Local applications of Farming and Land Use-

Research and present especially in regards to the comments about ‘managing conservation areas as carbon sinks’ (p43). Inform about land acquisition programs and efforts for acquiring more publicly owned lands in the Estero Bay Watershed as presented at the *Land Acquisition Cela Tega* (review the power points and present highlights on locations and ownership/management of lands).

<http://itech.fgcu.edu/faculty/ndemers/CelaTega2008/acquindex.htm>

Follow up with information about local efforts to ‘restore vegetation in degraded areas, watershed restoration programs and establishment of biological corridors’ (p.43-45). Inform about local land managers dilemmas and efforts on publicly owned lands in the Estero Bay Watershed as presented at the *Land Managers Cela Tega*

(review the power points and present highlights on locations and ownership/management of lands at

<http://itech.fgcu.edu/faculty/ndemers/CelaTega2008/index.htm>

Group 4 Chapter 4 An Enduring Energy Future (p 130-150)

Summarize chapter and emphasize your interests in relation to your fields of study and/or career goals. Address the statement “one of the most important steps government can take to address climate change is to eliminate subsidies for conventional fuels and technologies” (p148) by identifying and describing these subsidies in the U.S.

Group 5 Local applications of Enduring Energy Future

Research and present especially in regards to local renewable energy initiatives such as FGCU Solar farm, FP&L Babcock City Solar initiative, Nuclear power at Turkey Point, Biodiesel (used vegetable oil) initiatives in Lee County and the local jatropa oil farm
<http://www.mydreamfuel.com/index.htm>

Group 6 Chapter 5 Building Resilience (p 151-168)

Summarize chapter and emphasize your interests in relation to your fields of study and/or career goals. Address specifically the equity aspects of addressing climate change.

Group 7 Local applications of Building Resilience

Research and present especially in regards to local adaptation efforts. Review the Climate Ready estuaries: vulnerabilities and adaptations presentation by Jim Beever et al at:

http://www.swfrpc.org/content/ABM/EBABM_Meeting_20090420rev.pdf

Group 8 Chapter 6 Sealing the Deal to Save the Climate (p. 169-188)

Summarize chapter and emphasize your interests in relation to your fields of study and/or career goals. Research and present especially in regards to the Montreal Protocol and Copenhagen 2009 (<http://en.cop15.dk/>)

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