Overview of
Study Group on Human Dimensions (SG-HD)

PICES FUTURE SG-HD

Presented by

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The SG-HD (2009-2010) is the 3rd activity under the PICES framework

TOR

1. review how social science has been used/applied globally and regionally in EBFM and the theoretical basis for these practices;

2. review the social scientific tools and information available for EBFM in PICES member countries;

3. develop an inventory of practices for use of social economic information appropriate to the circumstances in each of PICES member countries;

4. prepare a final report….

Objectives and Directions of SG-HD

- **Review some activities on EBFM in PICES**

  - What have been studied and discussed EBFM

  - What is the role of HD in EBFM

- **Analyses on socioeconomic conditions with changes of marine ecosystems**

  - Impacts of ecosystems on human activities and vice versa

- **Prediction on socioeconomic conditions with changes of marine ecosystems**

- **Providing research directions and policy information**

Past PICES activities on Ecosystem Based Management (EBM)

1. 2003-2004: Study Group on Ecosystem-based management science and its application to the North Pacific (EBMSG)

   (Co-Chairs: Glen Jamieson, Chang-Ik Zhang)

2. 2004-2009: Working Group 19: Ecosystem-based management science and its application to the North Pacific (WG19)

   (Co-Chairs: Glen Jamieson, Chang-Ik Zhang and Patricia Livingston)

1. EBMSG (2003-2004)
PICES Scientific Report #29

- EBM challenges are different between East and West of the North Pacific

 - **China, Japan, Korea**: greater coastal populations, longer history of full exploitation and development.

 -> minimizing existing impacts, rebuilding depleted stocks, minimizing impacts from land runoffs

- **Canada, Russia, USA**: human coastal populations and development are much less.

 -> maintain unimpacted, pristine habitat and communities with appropriate economic activities.

2. WG19 (2004-2009)
PICES Scientific Report #37 (printing)

- Summary of progress in 6 countries towards EBFM (country matrix)

   -> very diverse in approaches.

- Consensus views on indicators for EBFM

   -> collaborations with social science are needed to develop indicators for social-ecological systems.

- Spatial issue (EEZ, LME, etc)

   -> important for identifying stakeholders, defining objectives, conducting research, and implementing policies.

SG-HD Members

- Rowena Orok (Canada): Economics, Environmental Accounting.

- Ian Perry (Canada): Oceanography, Human Ecology.

- Shang Chen (China): Ecology, Ecosystem Service Evaluation.

- Ningsheng Yang (China): Aquaculture, Information Management.

- Masahiro Hirota (Japan): Economics, Seafood Business.

- Mitsutaku Makino (Chair, Japan): Political Science, Economics

- Dohoon Kim (Korea): Economics

- Jongoh Nam (Korea): Economics, Commons.

- Olga Lukyanova (Russia): Social Ecology

- Keith Criddle (USA): Bioeconomics.

- David Fluharty (USA): Political Science, Law.

7 Steps for SG-HD

Now, we are here!

<Step 1> -April 15: Make a draft table of categories and tools in social sciences.

<Step 2> -June 23: Each SG member reviews applications/experiences of social science tools for EBFM in his/her country.

<Step 3> -June 24-25 Inter-sessional Meeting@Yokohama: Review results of each Member Countries' applications/experiences are presented.

<Step 4> -end of Aug: Expand the review scope to other countries in the world.

<Step 5> -Oct 15: Draft manuscript for final report (review results, inventory of practices, and recommendations) is presented by the Chair

<Step 6> Oct 22 Final Meeting at Portland: Finalize the contents of the report.

<Step 7> Submit the final report from the Chair to the PICES Secretariat

- Thank you very much