



BC Centre for Aquatic Health Sciences



# **2007 Traditional Ecological Knowledge: Practical Applications**

# Gitxaala Environmental Monitoring

- Resource management tool
- Improve the sustainability of the natural aquatic resources
- Enhanced decision-making capacity
- Within the traditional territories of the Gitxaala people
- Substantial provincial and federal support

# Gitxaala Environmental Monitoring

- GIS based scenario analysis tool
- Built upon existing scientific knowledge
  - Aboriginal Ecological Knowledge (AEK)
  - Existing published and unpublished scientific data
  - Compilation of marine baseline data sets

# Gitxaala Environmental Monitoring

- Directed through the hereditary leadership
- Based on Gitxaala priorities and values
- Deliverables
  - Capacity
  - Continuous environmental monitoring
  - Assess environmental impact of:
    - New economic development
    - Existing projects
    - In a timely and efficient manner

# Gitxaala Environmental Monitoring

- Challenges:
  - Conversion of AEK into GIS compatible data
  - Integration of AEK into the decision making process
  - Don't want to re-invent the wheel
- Draw on available expertise

# 2007 Traditional Ecological Knowledge: Practical Applications

- **Agenda**
- **0900 Introduction** – Dr. K Butterworth 5 min
- **0905 NIWA overview** – Dr. C Severne 15 min
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- **0920 AEK: Practical applications in NZ** – Dr. G Tipa 45 min
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- **1005 AEK: The BC perspective** – Ms. T Ryan 30 min
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- **1035 Coffee break – refreshments served** 15 min
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- **1050 Forests and Oceans: for the Future  
A Gitxaala/UBC Cooperative Research Project.** – Dr. C Menzies 30 min
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- **1120 TEK: The East coast perspective** – Dr. G Murray 30 min
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- **1150 Panel discussion** – All 60 min
- **1250 Closing remarks** – Ms. L Sams 10 min