

# RECAP: COLLABORATION ON SPATIAL ANALYSIS TO SUPPORT REDD+ PLANNING IN MONGOLIA

Charlotte Hicks, UNEP-WCMC

Ulaanbaatar, March 2016

---

# Outline

**1. Background information on collaboration**

**2. Objectives**

**3. Activities**

**4. Recap of last session & consultation workshops**

**5. Next steps**

---

# Background information: this collaboration

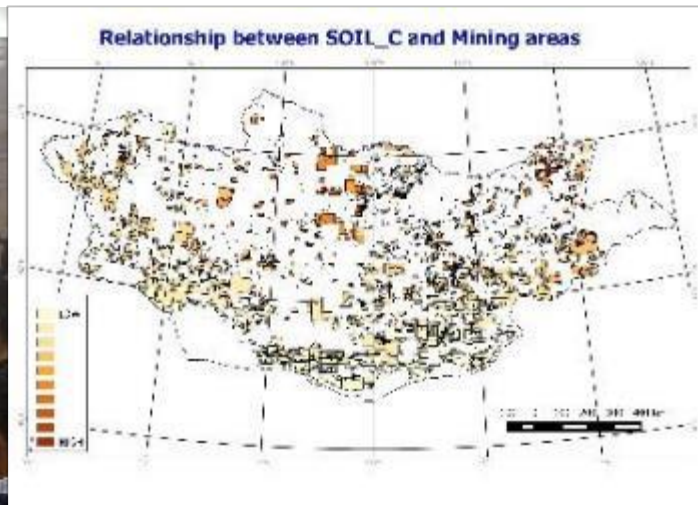
- Collaboration under UN-REDD Programme, between MEGDT, EIC/IRIMHE and UNEP-WCMC
- Development of decision-support tools and capacity in aspects of REDD+ planning in Mongolia
- Timeframe: May 2015 – June 2016



---

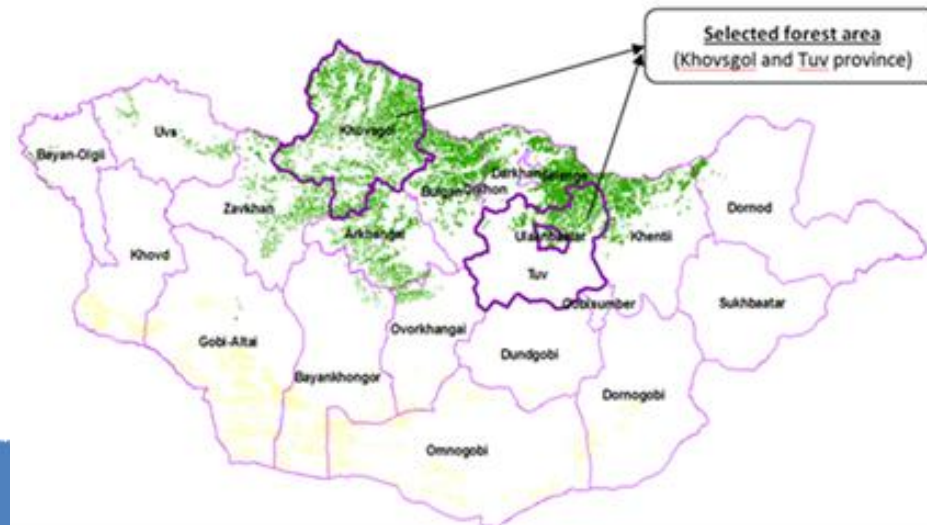
# Objectives

- Support Mongolian REDD+ planners through development of spatial analysis for REDD+ planning, to help deliver multiple benefits and reduce potential risks.
- Build capacity for Mongolian partners on spatial decision support tools for REDD+ planning that incorporate multiple benefits and safeguards.



# Activities

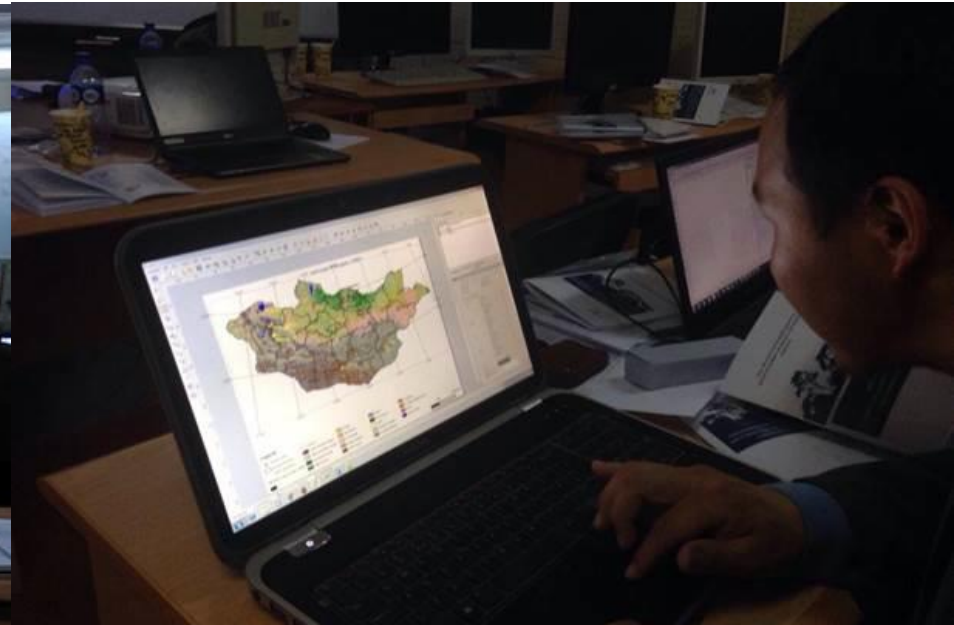
1. Introduction to use of QGIS to support REDD+ planning (*October 2015*)
2. Consultations on priority multiple benefits from forests in two focal aimags (*November 2015*)
3. Analysis (using QGIS) of multiple benefits from forests and other REDD+ relevant factors in Tov and Khovsgol (*March 2016*)
4. Presentation of analysis in final workshop, products and report (*by June 2016*)



---

# Recap: Last technical working session

- Joint technical working session to introduce use of QGIS to support REDD+ planning
- Held at IRIMHE, Ulaanbaatar, 26-30 October 2015
- 21 participants, mainly from EIC/IRIMHE, plus ALAGAC, GIZ, Botany Institute, Khovsgol and Tov aimags.

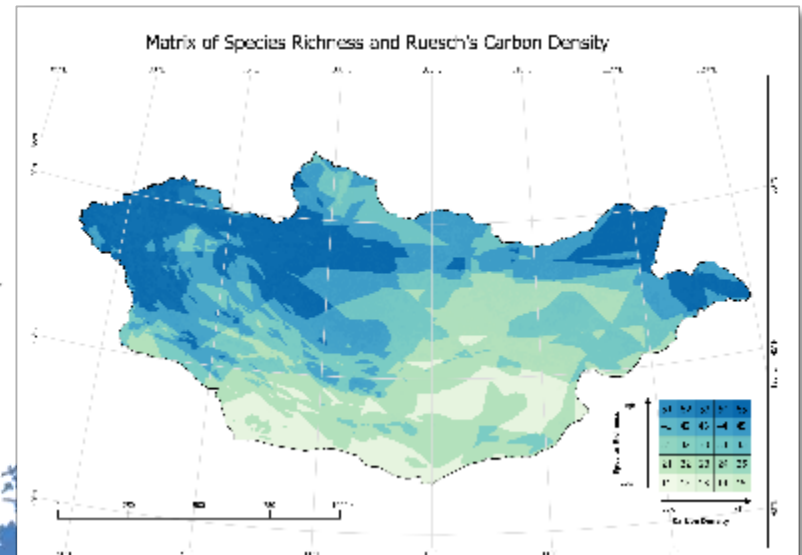
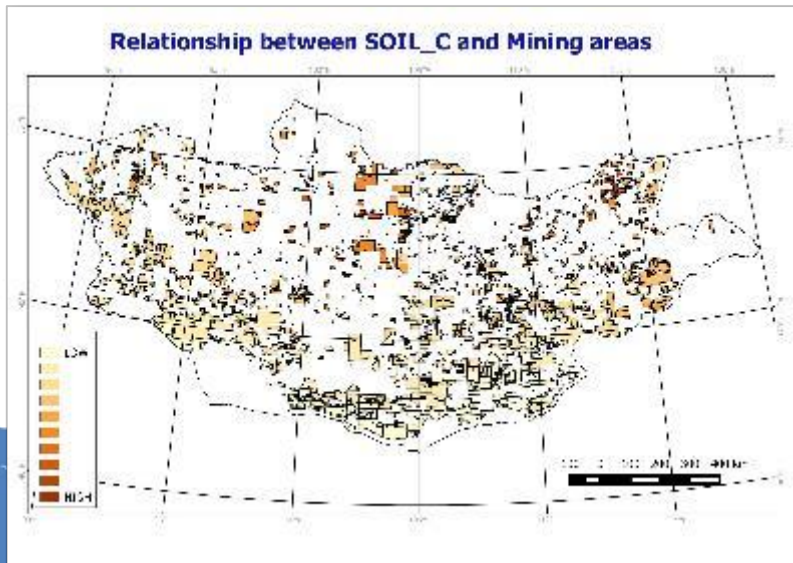
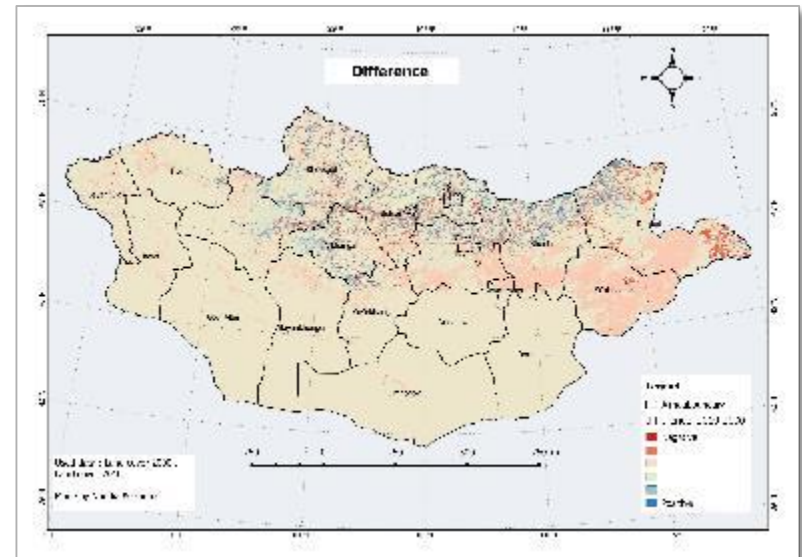
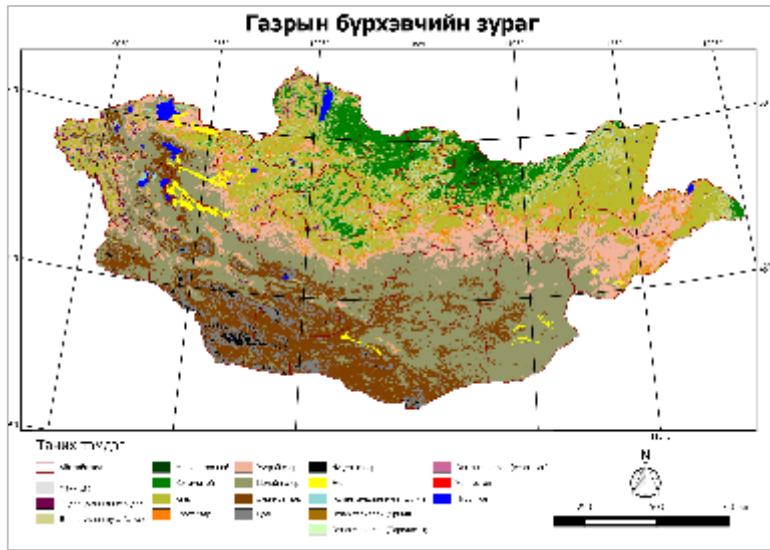


---

# Topics covered

- Introduction to the role of spatial information in supporting REDD planning
- General introduction to QGIS
- Using IUCN Red List data to produce potential species richness maps
- Representing spatial distribution of estimated carbon stocks and analysing its distribution among forest types and other land categories
- Showing areas with potential multiple benefits and land cover change analysis
- Joint discussions to identify potential sources for biodiversity, forest/landcover change and carbon stock data

# Some sample outputs





---

# Recap: Consultation workshops

- Multi-stakeholder consultations held in Khovsgol and Tov aimags:
  - Murun, 3/11/2015
  - Zuunmod, 6/11/2015
- Objectives:
  1. What are the **main benefits provided by forests** in the aimag?
  2. Which of these are of **high priority** for further analysis, in the context of REDD+?
  3. Which **forest types/areas** in the aimag are important for providing these benefits?
- Participants - around 30 participants in each workshop:
  - Forest, environment, water, tourism, land units
  - Forestry and tourism companies
  - Forest User Groups



# Workshop results: priority benefits from forests

## Khovsgol – top 5

Carbon storage and oxygen supply	1
Water regulation/supply	2
Timber	3
Fuelwood	4
Springs/rest areas	4
NTFPs (berries, nuts, mushrooms, medicinal plants, etc)	5

## Tov – top 5

Natural regeneration	1
Overall natural balance/functioning	2
Fuelwood	3
Water regulation/supply	4
Clean air	5
Wildlife habitat	5
Tourism	5

# Participatory mapping:



---

# Next steps

Currently undertaking **activity 3:**

*Analysis (using QGIS) of multiple benefits from forests and other REDD+ relevant factors in Tov and Khovsgol (March 2016)*

The analysis we produce will feed into **activity 4:**

*Presentation of analysis in final workshop, products and report (by June 2016)*



---

# Thank you!

[charlotte.hicks@unep-wcmc.org](mailto:charlotte.hicks@unep-wcmc.org)



UNEP



WCMC