Announcement for all of SEIC Staff and Students

On 26 Dec. 2018, Kyutech will host two 90-min lectures about remote sensing by Prof. Tsolmon of NUM. Please mark your calendar.

See the next 7 pages for details.

National University Of Mongolia

Motto	*Эрдмийн хэт цахиваас, хөгжлийн гал бадармой* *The flame of progress flourishes from the forge of education*
Type	public university
Established	1942
President	Ya. Tömörbaatar[1]
Academic staff	797 [2] (part-time 290, other 723)
Undergraduates	15,889[2]
Postgraduates	2,961[2]
Doctoral students	791[2]
Other students	406 international students, 18 language preparatory students [2]
Location	Ulaanbaatar, Mongolia 47.9231°N 106.9213°E

FROM:
https://en.wikipedia.org/wiki/National_University_of_Mongolia

B I O

of our guest

Prof. Tsolmon Renchin

Tsolmon Renchin holds a Ph.D. degree in Environmental Science and Remote Sensing from Chiba University in Japan . Prior degrees were earned at the National University of Mongolia (M.S.) and the University of Irkutsk (B.S.) in Russia. She has done her postdoctoral research at Pennsylvania State University and NASA, Greenbelt, Maryland, U.S.A, University of Vienna, Austria and University of Sydney.

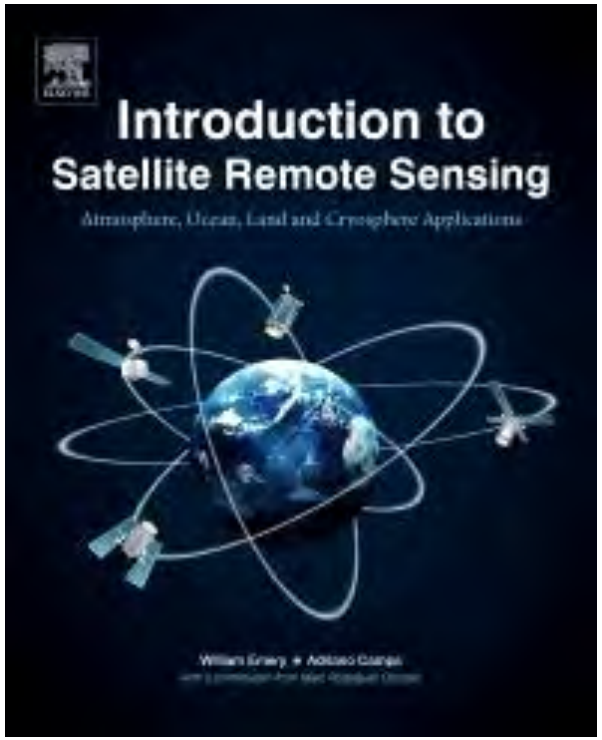
Currently she is a Professor at the National University of Mongolia and head of the NUM-ITC-UNESCO Remote Sensing and Space Science laboratory. Her research interests include Development Small Satellite, Application of Remote Sensing and GIS to environment, Astronomy and Astrophysics. She is National Contact person of Global University Space Engineering Consortium (UNISEC –Global) and National Contact of International Astronomical Union (IAU). She served as the leader for the first Mongolian satellite project **BIRDS – MONGOLIA .**

This university was established in the Year 1942

In 2018, NUM hosted the "3rd BIRDS International Workshop"

NATIONAL UNIVERSITY OF MONGOLIA
1942

LECTURE 1 OF 2



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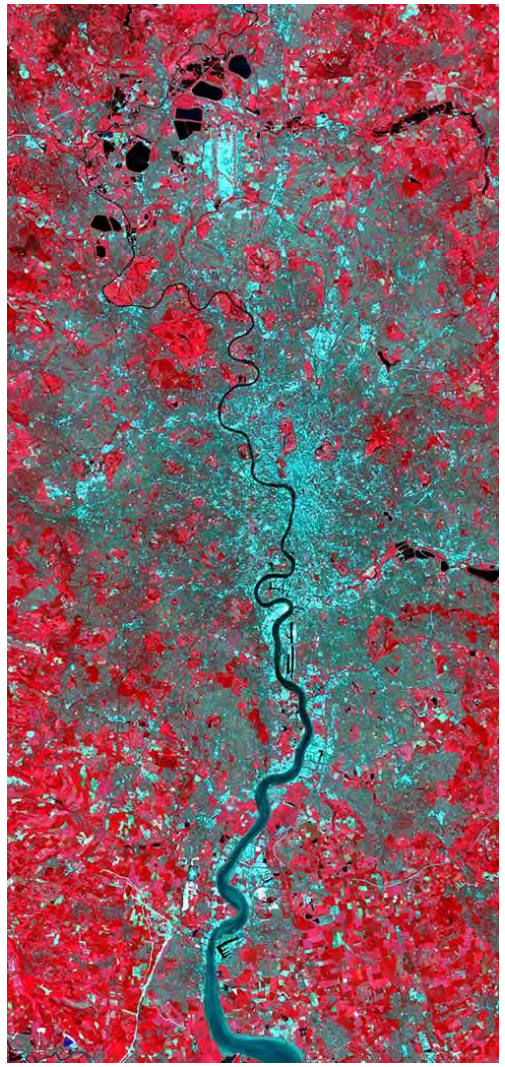
Title: Basics for Remote Sensing data and image processing

Abstract

The lecture covers a broad base of remote sensing knowledge, from introductory material that would be presented in the first Remote Sensing class to more advanced material.
It introduces the major remote sensing systems and interactions between electromagnetic energy and materials that are the basis for remote sensing. Characteristics of images and examples for interpreting images will be explained. The students will also become familiar with the publicly available downloadable satellite data to be used in future research works. The participants will gain experience using browsers to download Landsat satellite imagery.

LECTURE 2 OF 2



Title: Application of Remote Sensing data for natural resource and new trends in small satellite development

Abstract

This lecture emphasizes the interpretation of images and their application to a range of disciplines. Driven by the societal needs and improvement in sensor technology and remote sensing has become an essential geospatial tool for understanding the Human-Earth interactions. The lecture covers an Application of Remote Sensing and Geographical Information System for Monitoring the world's natural resources and environments and its current state. Case studies on Practical applications using remote sensing/GIS for sustainable natural resources with emphasize on forests, grassland, desertification, water will be introduced. Remote Sensing application and new trends in small satellite development and case studies in some countries will be discussed.

When?

Lecture 1

Date: Wed., 26 Dec. 2018

Time: 2限 (10:30-noon).

Lecture 2

Date: Wed., 26 Dec. 2018

Time: 3限 (13:00-14:30).

Where?

See the next page.

All SEIC students should try to attend both lectures

Map of Tobata Campus of Kyutech

Location of this talk is Classroom C-1D.

BE ON TIME – DO NOT DISRUPT THE LECTURES.

NOTE

This lecture can be counted as Yugo-kamoku 融合科目 for doctoral students if you are eligible. See this site:

http://www.tobata.kyutech.ac.jp/jimu/daigakuin/yuugoukamoku

If you are a doctoral student and you wish credit for this lecture, then you must sign the sign-up sheet that I will prepare for the hour of the lecture.

This lecture is provided from 工学融合科目Ⅴ（先端機能システム工学領域）
Interdisciplinary Seminar of Engineering Ⅴ（ Field of Applied Science for Integrated System Engineering ）. So some of you might not be eligible for credit. Ask graduate school office if you are not sure.

This 8-page document prepared
by G. Maeda on 13 December 2018.