

## FOLENS Syllabus

**Subject Title:** 生態系生態学 (環境化学特別講義Ⅲ)

**[Special Lectures on Environmental ChemistryⅢ]**

|                          |                      |                         |           |                 |                       |             |        |
|--------------------------|----------------------|-------------------------|-----------|-----------------|-----------------------|-------------|--------|
| <b>Subject Category:</b> | Bio-Environment      | <b>Department</b>       | MK        | <b>Credit</b>   | 0.5                   | <b>Code</b> | 056438 |
| <b>Semester</b>          | First/Spring         | <b>Day(s)/Period(s)</b> | Intensive |                 |                       |             |        |
| <b>Class Format</b>      | Lecture              |                         |           | <b>Location</b> |                       |             |        |
| <b>Instructor</b>        | 木庭 啓介 [KOBA Keisuke] |                         |           |                 |                       |             |        |
| <b>Office</b>            |                      |                         |           | <b>Email</b>    | keikoba@cc.tuat.ac.jp |             |        |

### ■Outline & Target

Introduction of the use of stable isotopes (tracer and natural abundance methods) frequently used in environmental science

7/18 13:00-17:00 @ 2N-103 (Multi-use room) (Not 7/9, sorry but I changed the date (3/29))

### ■Course description

Fundamental of stable isotopes

Analytical techniques of stable isotopes

Case study (Primary production)

Case study (Nitrogen cycle)

Case study (Food web)

Case study (GHG production/consumption)

Case study (Paleo)

### ■Reference publication(s)

to be announced in the lecture

### ■Evaluation standards

Report at the end of the lecture

7/18 13:00-17:00 @ 2N-103 (Multi-use room) (Not 7/9, sorry but I changed the date (3/29))

### ■Course keywords

Stable isotopes, nutrient dynamics, food web, carbon cycle, GHG

**■ Language**

English

**■ Last update**

3/29/2013 7:49:14 AM