

First Circular and Call for Papers

1st KJL 2004

**The First Korea-Japan Joint Symposium
on Limnology**

19-22 May 2004

Busan, Korea

Organized by

The Korean Society of Limnology (KSL)

The Japanese Society of Limnology (JSL)

Organizing Committee:

Co-chair: Jong-Bin Lee (President of KSL) and Norio Ogura (President of JSL)

**Vice chairs: Kyeung-Seok Bae, Kyeong-Jae Cho (Vice president of KSL)
and Tadashi Arai (Vice president of JSL)**

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General secretariat:

Gea-Jae JOO
Limnology
Pusan National University
30 Jangjeondong, Geumjeonggu, Busan 609-735, Korea
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Topics for Symposium

Main Theme;

Material Cycling and Long-Term Ecological Research in Freshwater Ecosystem

Scientific Sessions

Material cycling in river, lake and wetland

Limnology of river ecosystem

Long-term ecological research and monitoring in freshwater ecosystem

Population and community dynamics and modeling

Restoration of aquatic ecosystem

Microbial ecology

Other topics

Program Summary

Venue: Auditorium of the University Headquarter (Pusan National University)

Day 1. Cultural Exchange of Graduate Student

Day 2. Symposium

Day 3. morning – presentation

afternoon – field trip

Day 4. Optional excursion (Gyeongju)

Oral presentation

Talks will be allotted a 15 or 20 minutes period (12 or 15 minutes for the lecture and 3 or 5

minutes for discussion) depending on the total number of papers submitted.

Poster presentation

Posters will be displayed on **20 May 2004**, and then must be removed by the end of symposium. The area for set up on a poster board is 90 cm wide by 180 cm high. The place to post the presentation will be informed at the registration desk.

Abstract submission

Deadline date for abstract receipt is **31 March 2004**

Abstracts must be prepared in English within 200 words according to the sample shown below. It is highly desired that the composition of abstracts is done by Microsoft Word, and sent to the secretariat by e-mail at kimguyeon@pusan.ac.kr or air mail with a floppy disk at the address of secretariat (see page 3). If it is hard to make the abstract using the indicated font, make it in text file and send it by e-mail.

Sample abstract

Grazing activity of wintering waterfowl on the foodplant *Scirpus triqueter* in a tidal mudflat (Arial, 12pt. Bold)

KIM Gu-Yeon, Chan-Woo LEE, Sung-Bae PARK and Gea-Jae JOO (Times New Roman, 11pt.)

Dept. of Biology, Pusan Nat'l Univ. Busan 609-735, S. Korea (Times New Roman, 11pt.)

The influence of waterfowls' grazing activity on their foodplant in an estuarine ecosystem was evaluated using exclosures. The Nakdong River estuary (S, Korea) is an important habitat for wintering birds (Times New Roman, 11pt.)

Full paper submission for the Korean Journal of Limnology

Deadline date for full paper receipt is **20 May 2004**.

It is desired that the authors submit full papers, which will be published as the proceedings of the symposium in 2004.

The paper must be prepared in English according to the sample shown below. It may not exceed 5 printed pages, which include the text (title, abstract, key words, introduction, materials and methods, results and discussion, conclusions, acknowledgment and references), figures and tables. It is desired that the paper is made by Microsoft Word (or text file), and sent to the secretariat by e-mail at kimguyeon@pusan.ac.kr,

[Sample full paper]

Grazing activity of wintering waterfowl on the foodplant *Scirpus triqueter* in a tidal mudflat

(Arial, 18pt. Bold)

(space; 1 line)

KIM, Gu Yeon¹, Chan Woo LEE¹, Sung Bae PARK¹ and Gea Jae JOO^{1*} (Arial, 11pt. Bold)

(space; 1 line)

¹ Dept. of Biology, Pusan National Univ., Busan 609-735, S. Korea. (Times New Roman, 12pt.)

(space; 1 line)

[10mm margin] **ABSTRACT:** (Arial 11pt. Bold) The influence of waterfowls' ... [10mm margin]
grazing activity on their ... (Times New Roman, 10pt.)

(space; 1 line)

Key Words: (Arial 10pt. Bold) *Scirpus triqueter*; waterfowl

.....(Times New Roman 11pt.)

(space; 2 lines)

INTRODUCTION (Arial 12pt. Bold)

The estuarine ecosystems receive much attention because of the high productivity and diversity.
The Nakdong River estuary with(Times New Roman 11pt.)

(space, 1 line)

MATERIALS AND METHODS (Arial 12pt. Bold)

It was surveyed three times(Times New Roman 11pt.)

(space, 1 line)

RESULTS (Arial 12pt. Bold)

Waterfowl counts (Arial 11pt. Bold)

In the Nakdong Estuary, the number of waterfowl peaked(Times New Roman 11pt.)

(space, 1 line)

Waterfowls grazing (Arial 11pt. Bold)

Waterfowls extensively grazed over 60% of tubers(Times New Roman 11pt.)

(space, 1 line)

DISCUSSION (Arial 12pt. Bold)

Interactions between herbivorous waterfowl and aquatic(Times New Roman 11pt.)

(space, 1 line)

ACKNOWLEDGMENT (Arial 12pt. Bold)

This work was supported in part by(Times New Roman 11pt.)

(space, 1 line)

REFERENCES (Arial 12pt. Bold)

Amat, J.A., 1986. Some aspects of the foraging ecology of a wintering Greylag Goose *Anser anser*
population. *Bird Study*. **33**: 74-90. (Times New Roman 10pt.)

(Caption to figures)

Fig.1. Distribution of foodplant *Scirpus triqueter* in Nakdong River Estuary

(Arial 11pt. Bold) (Times New Roman 11pt.)

General Information 1

Dates

19 May 2004; Registration and Informal Reception
20 May 2004; Scientific sessions and Symposium
21 May 2004; Scientific sessions and Field trip
22 May 2004; Optional excursion (Gyeongju)

Venue

University Administration Building, Auditorium
30 M.T., Jangjeon-dong, Kumjeong-ku, Busan, Korea
Tel :+82-51- 510-7000 Fax :+82-51- 583-7070
<http://www.sangnam.co.kr> email: 21mirepa@hanmail.net

Important Dates

Deadline for Abstracts and accommodation 31 March 2004
Deadline for full paper 20 May 2004

Language

The official language of the symposium will be English.

Registration

The registration desk is open from 15:00-17:30 on Wednesday 19 May and 08:00-09:00 on Tuesday 20 May, at a lobby of Auditorium of the University Headquarter and throughout the meeting.

Registration fee (Tentative)

Organizers are making proposals for financial supports from governments, but the results have not been obtained yet. The registration fees shown below are tentative. The fee will be finally determined after the results of the proposals are obtained.

Korean (excluding students): 50,000 won
Korean students: 20,000 won (*)
Foreigners (excluding students): 50,000 won
Foreign students: 20,000 won (*)

* Registration fee for the students who will give oral or poster presentation will be waived.

Accommodation

It is desired that attendees have rooms of the Sangnam International House, which are reserved by the Organizing Committee. The room costs ₩35,000(approximately 3200 ¥) /single or twin/night not including breakfast and tax.

* Room rate is special for university guests.
(If you share a room with room-mate cost will be half price)

General Information 2

How to get to the venue

From Incheon International Airport (Seoul):

There is only a few direct flights between Incheon and Kimhae. For the convenient travel, take a flight between Haneda(not Narita) and Kimpo(not Incheon) if you are departing from Tokyo area. At the Kimpo(mostly domestic), you can take frequent flight to Kimhae. It takes about one hour.

From Kimhae International Airport (Busan):

From Kimhae Airpot (domestic and international), it will take about 40 minutes by taxi to the Sangnam International House. Distance is 20 km and taxi fare is about ₩16,000



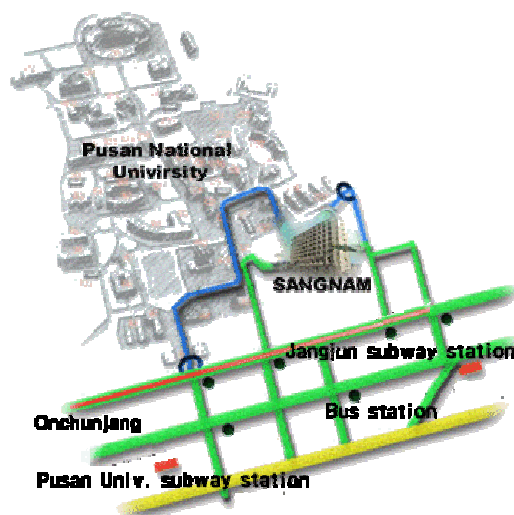
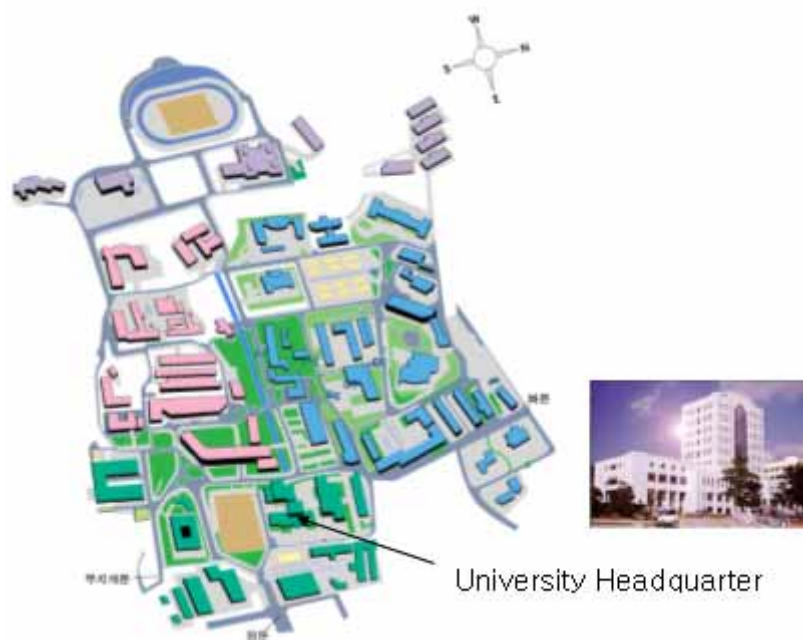
Excursion

On Saturday 22 May 2004, a full day excursion to the Gyeongju area is arranged.
(₩30,000~40,000 / person, lunch included)

- Tongdosa (Temple)
- Gyeongju (Museum, old palace, etc)

Map of Venue

Pusan National University



Sangnam International House (~500 m from the symposium venue)

30 M.T., Jangjeon-dong, Kumjeong-ku, Busan, Korea

Tel :+82-51- 510-7000 Fax :+82-51- 583-7070

<http://www.sangnam.co.kr> email: 21mirepa@hanmail.net

Registration Form

Please complete this form and return to:

Dept. of Biology, Pusan National University
30 Jangjeondong, Geumjeonggu, Busan 609-735, Korea
Tel: +82-51-510-2258 / Fax: +82-51-583-0172
Email: kinguyeon@pusan.ac.kr / [gjoo@pusan.ac.kr](mailto:gjjoo@pusan.ac.kr)

Complete the following information (block letters). Before 31 March 2004

In case of bracket, type "X" on your intention.

Gender: Ms. () Mr. ()

Title: _____

First Name: _____ Family Name: _____

Position or Occupation: _____

Organization: _____

Postal address: _____

Country _____ Zip Code _____

Tel: _____ Fax: _____ E-mail: _____

I am a student: Yes () No ()

Accompanying persons Total () persons [Ms. () persons, Mr. () persons]

Presentation:

I intend to have a oral presentation but accept a poster presentation: ()

I intend to have a poster presentation but accept an oral presentation ()

Title of the presentation: _____

(Session No.: first choice: _____ second choice: _____)

Field Trip on Friday 21 May (free) : Nakdong River Estuary

I intend to join the excursion: Yes () No ()

Excursion on Saturday 22 May (optional) : Geongju

I intend to join the excursion: Yes () No ()

Accommodation:

() I would like to ask the organizing committee to reserve

a single room () or twin room () of Sangnam International House

for the nights of Wed. 19 May (), Thu. 20 May (), Fri. 21 May (),

Sat. 22 May () and Sun. 22 May ().

For twin room, please identify your room-mate () if you have.

* Western and Korean style rooms are available, but limited number. Early reservation is strongly recommended.

As of December 2003, organizing committee recognized the following tentative titles. Please send us registration form and abstract before 31 March, 2004.

Kimio Hirabayashi	Shinshu Univ	Associate Professor	The impact of bank protection work on aquatic insects in the middle reaches of the Chikuma River in Central Japan
Goro Kimura	Shinshu Univ	Graduate student	Emergence composition and seasonal change of aquatic insects around Lake Suwa Area, in Japan
Yachiyo Fukunaga	Shinshu Univ	Graduate student	Distribution pattern of aquatic insects in the middle reaches of the Chikuma River in Central Japan.
Yoshimasa Yamamoto	Kyoto Univ	Graduate student	Research on diel vertical migration of dinoflagellate <i>Peridinium</i>
Osamu Mitamura	Shiga Prefectural Univ	Professor	Photosynthetic activity and its irradiance response of brackish phytoplankton measured by PAM in Lakes Younglang and Hwajin located on the east coast of Korea
Shin-ichi Nakano	Ehime Univ	Associate professor	Measuring some environmental variables within biofilms developed in streams using Microsensor
Naoto Kanzaki	Ehime Univ	Graduate student	<i>Microcystis</i> blooms in a reservoir with special attention to reservoir morphology, sediment condition and nutrient dynamics
Rie Asaumi	Ehime Univ	Graduate student	Grazing on <i>Synechococcus</i> (<i>Cyanophyceae</i>) by <i>anoflagellates</i> : its importance for matter cycling in a coastal sea
Seiko Mizuta	Ehime Univ	Graduate student	Release of DNA fragments by bacterivorous nanoflagellates with special attention to horizontal
Tomomasa Taniguchi	Takasaki City Univ. of Economics	Doctor	A geographical study on the changes in water environments :

Eiichi Konohira	Nagoya Univ.	Associate professor	Japan-wide stream monitoring (JWSM)2003 : Forest environment in Japan and it's effects on stream water quality
Takahito Yoshioka	Research Institute for Humanity and Nature	Associate professor	Relationship between fluorescence property and DOC concentration in the watershed environment
Kazuhide Hayakawa	Lake Biwa Research Institute	Senior researcher	Distribution of fluorescent whitening agents as an indicator of domestic discharges
Yasuhiro Satoh	Yamagata Univ.	Professor	Nutrient limitation of Lake Baikal
Shinji Ueda	Institute for Environmental Sciences	Researcher	Mathematical Eco-hydrodynamics model application in brackish Lake Obuchi, Japan
Yuichi Hayami	Ehime Univ.	Doctor	The effects of river discharge on the ecosystem dynamics in Uwa Sea, Japan
Noriko Takamura	National Institute for Environmental Studies	Leader of Research Team	Factors which affect plankton distribution in farm ponds
Hideobu Kunii	Shimane Univ.	Professor	How to improve the degraded lagoonal lake environment? - A case study in brackish Lakes Nakaumi and Shinji, Japan
Yu Isobe	Nara Women's Univ.	Doctor	Ecology of mayflies in a streams
Akihiko Yagi	Nagoya Women's Univ	Professor	Distributions of Methane and Nitrou Oxygen in Lake Fukami-ike
Maki Umemura	Nagoya Women's Univ	Graduate Student	Distributions of Metane and Nitrou Oxygen in Lake Fukami-ike
Mariko Nagano	Nagoya Women's Univ	Graduate Student	Diurnal and Seasonal Changes of <i>Chaoborus</i> in Lake Fukami-ike
Yukiko Katoo	Nagoya Women's Univ	Graduate Student	Diurnal and Seasonal Changes of <i>Chaoborus</i> in Lake Fukami-ike

Yasunori Watanabe	Tokyo Metropolitan Univ.	Professor	Standing crop, production and decomposition of attached algal layer on the river bed
Izumi Katano	Nara Women's Univ.	Graduate Student	Optimum group size in various types of grazer invertebrates to feed periphyton
Yasushi Seike	Shimane Univ.	Associate Professor	Behavior of nitrous oxide and hydroxylamine in brackish lakes
Kenji Sugimori	Toho Univ.	Assistant Professor	Microbiological activity of sulfate: reducing environment in the estuarine sediments
Kim. Bomchul	Kangwon Univ.	Professor	Insensitivity of a stratified lake ecosystem to storm loading of phosphorus.
	Pusan Univ.	Professor	Application of ecological informatics in freshwater ecosystem
	Kyungpook Univ.	Professor	Long-term changes of fish fauna in large river systems in Korea
Jeong, Kwang Seuk	Pusan Univ.	Graduate student	Machine-learning on phytoplankton in river ecosystems
	Pusan Univ.	Professor	Analysis of food-web structure of river ecosystems using stable-isotope
Kim, Gu Yeon	Pusan Univ.	Graduate student	Interaction between migratory birds and food-plant <i>Scirpus triqueter</i>
Han, Myoung Soo	Hanyang Univ.	Professor	Control of cyanobacteria using ciliates
	Kyungpook Univ.	Professor	Phytoplankton succession in a small reservoir
Lee, Hak Young	Chonnam Univ.	Professor	Ecology of benthic diatom in coastal zone
	Institute of Health & Environment	Doctor	Dynamics of aquatic insects at the small Dangwang creek in Kyunggi-do, Korea
	Institute of Health & Environment	Doctor	Stream water at the ecosystem restoration construction area of Cheonggye stream in Seoul, Korea

	Kangwon Univ.	Graduate student	Observation of aquatic bacteria by CARD-FISH method
	Kangwon Univ.	Graduate student	Paleolimnological assessment by spore forming bacteria in sediment of Lake Baikal
	Kangwon Univ.	Graduate student	Bacterial aggregation in lakes
Kim, Dong	Pusan	Graduate student	Evolutionary computation for river ecosystem dynamics
Cho. Ga Ik	Pusan Univ.	Graduate student	Fish fauna in the Demilitarized Zone: impacts on human disturbance on fish diversity
Lee, Min Ki	Pusan Univ.	Graduate student	Water quality variation in the lower Nakdong River using statistical analysis
Shin, woonkyun	Pusan Univ.	Graduate student	Morphological changes of zooplankton with the influence of fish species
Joo, Gea Jae	Pusan Univ.	Professor	Long-term changes of limnological variables at the lower Nakdong River
Kim, Hyun Woo	Sunchon Univ.	Professor	Inter-annual variability of zooplankton community dynamics in the lower part of the Nakdong River (1993-2001)
Chang, Kwang Hyun	Shinshu Univ	Doctor	Mesocosm simulation of zooplankton community response to high water temperature stress