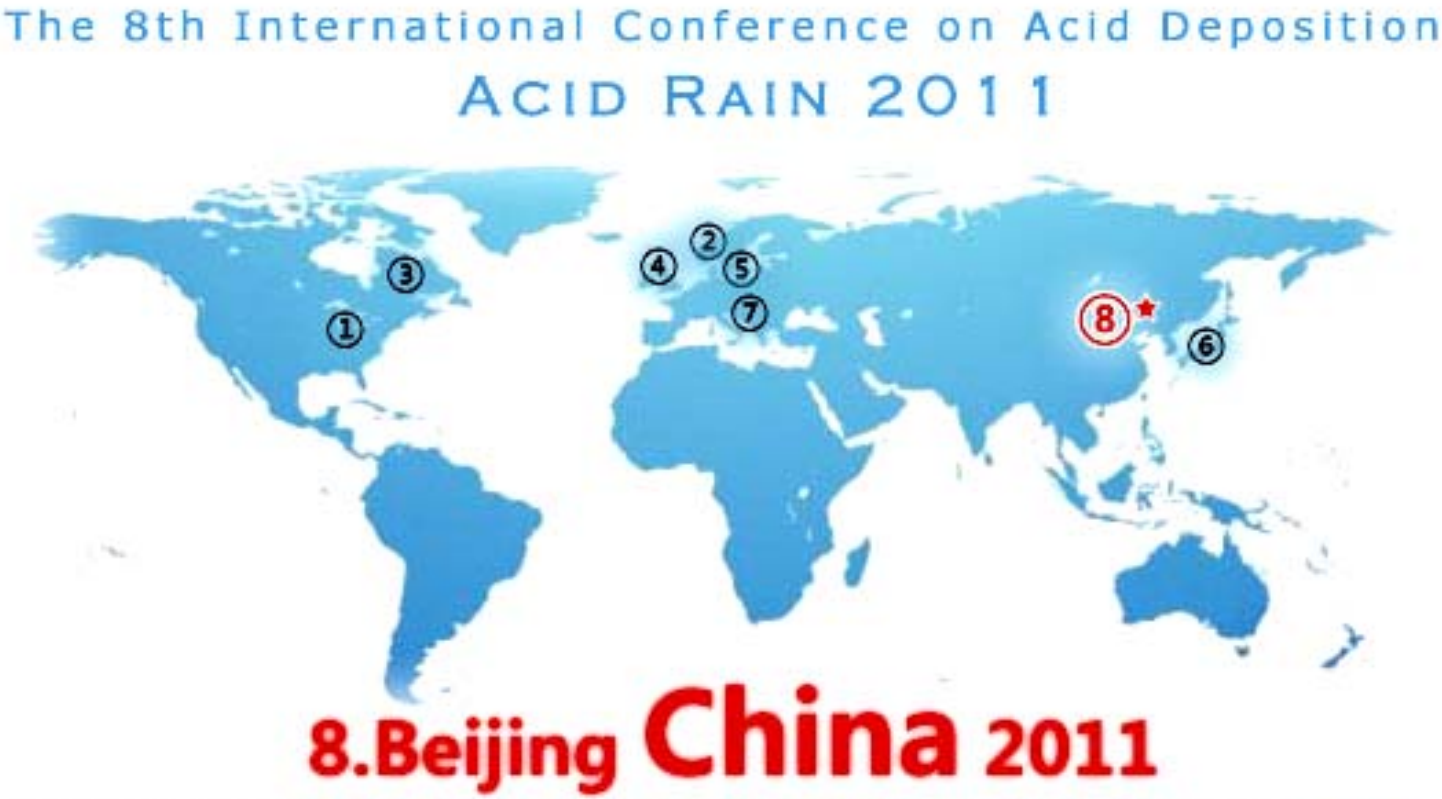
Participation to the meeting of Acid Rain 2011 at Beijing



http://www.acidrain-2010.org/dct/page/65578

Contents

1.Conference center and “atmosphere”

2. Visit to The center of Eco-Environment, Chinese Academy of Science (OG, Dr. Qu Laiye : 曲 来葉 博士）

3. Visit to the study site of Stalinization soil by Prof. Shi Fiche (石 福臣 教授)

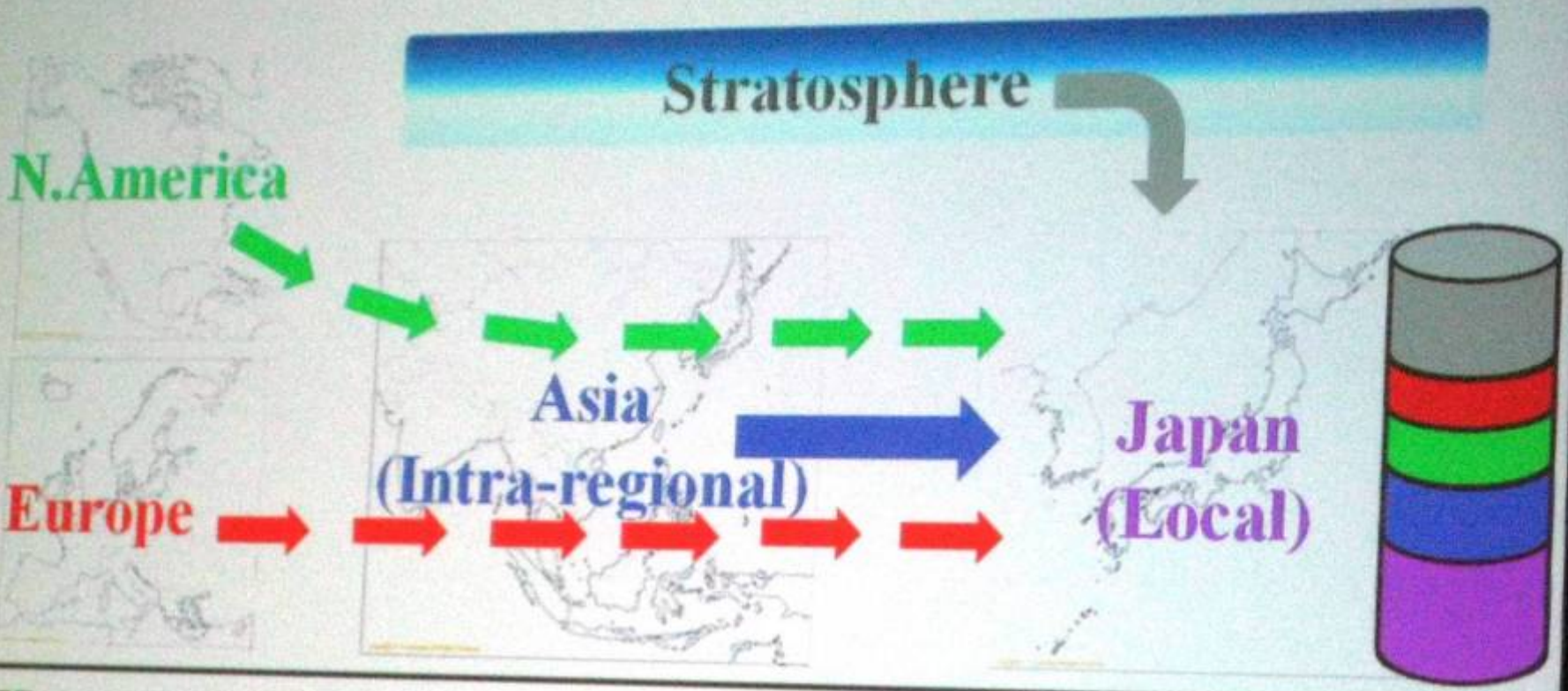
4. The Peking Office of Hokusai

5. Foods

In front of the conference center guite

ACID RAIN

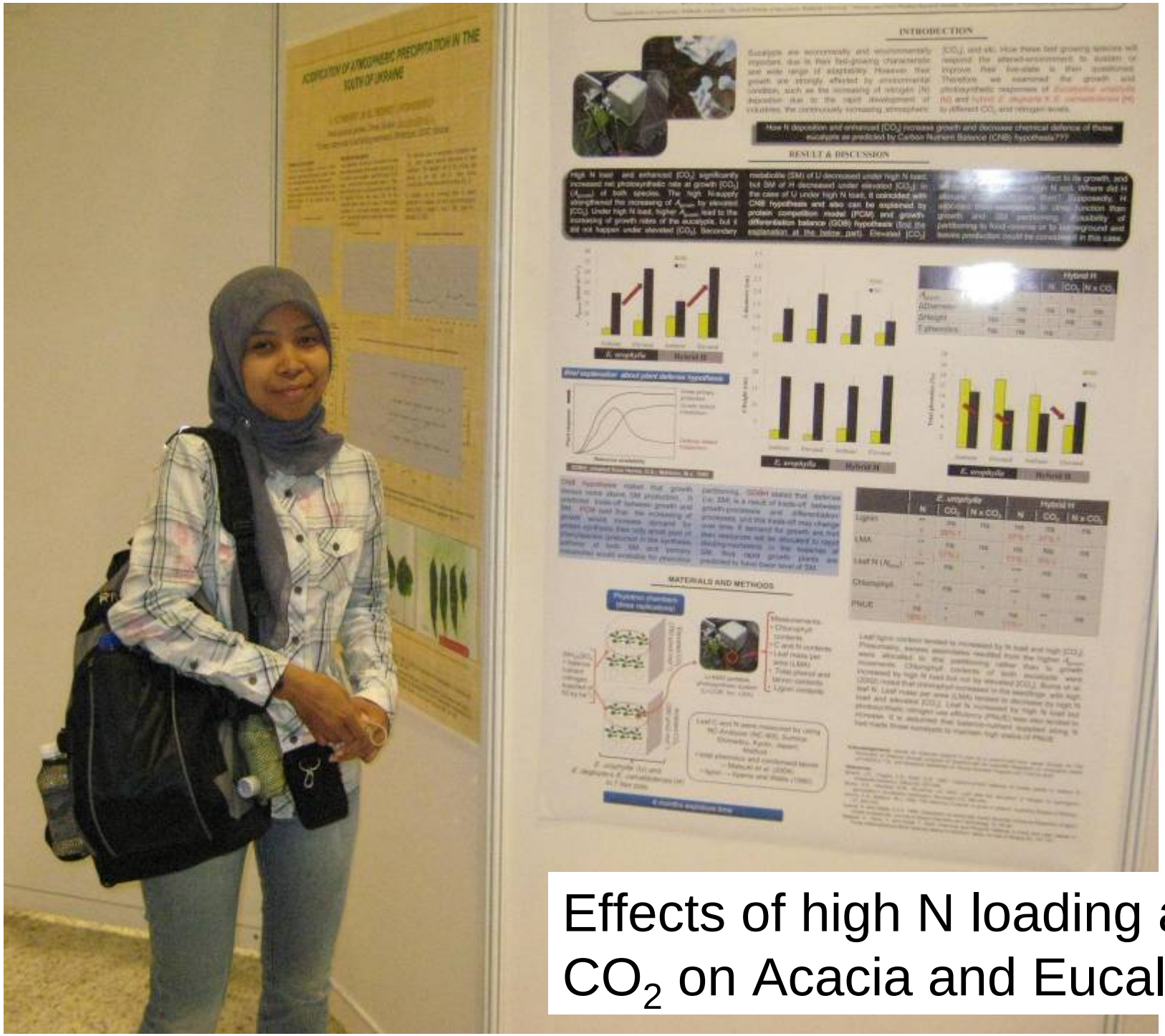
Contribution of various source regions on O_3 in Japan



How much does Japan receive O_3 from each source region?

→ Source-Receptor (S-R) relationship

Estimated by using numerical model



Effects of high N loading and CO_2 on Acacia and Eucalypts


Dr. Yamashita
Prof. K. Satake
P11-7
Serpentine regions
from erosion and landslides.
Hybrid larch F1
(Larix gmelinii var. japonica × L. kaempferi)
Important species not only for timber production
carbon sink, but also for afforestation in severe
How about the ability of Hybrid larch
as afforestation material in serpentine
Increase of N deposition
Although N usually acts as fertilizer, the main
tree growth in serpentine soil may not be N
Does increase of N deposition enhance the
of hybrid larch F1 grown on serpentine
2. Materials and Methods
Experimental site
Teshio Exp. Forest (Hokkaido Univ.)
Experimental Period
May 2007 to September 2009
Plant material
One-year-old Hybrid larch F1
Soil conditions
Serpentine soil (S)
Brown forest soil (B)
N treatment
0 (-N) and 47 kg N ha-1 year-1 (+N)
N load with (NH4)2SO4 was started from May 2008
Measurements
Photosynthetic traits (July 2009)
• Analysis of A-Ci curve
Light-saturated net photosynthetic rate (Asat)
Stomatal limitation of photosynthesis
Maximum rate of carboxylation (Vcmax)
Maximum rate of electron transport (Jmax)
Needle traits
• Leaf mass per area (LMA, g m-2)
• Needle element contents (N, P, K, Mg, Ca, Ni)
Height and diameter growth of stem
Dry mass of each organ (September 2009)
Beijing

The Center for Eco-Environment, Chinese Academy of Science (CAS)

Dr. Qu Laiye

Associate professor,

She got several prizes:

1)1st CSC scholarship
(Total 96 in the world)

2)Sapporo Agriculture scholarship

3) IUFRO best presentation at Au.


They use like Bonsai
because of high water table
with salinity.

Tamarix chinensis

ギョリュウ･御柳

楊貴妃の愛した樹木

塩性土壌の緑化に

注目！

With vice director
Mr. Park

http://hokudai.cn/japanese/news_y83.html


Famous Chinese foods
With Miso soup of 吉野屋！