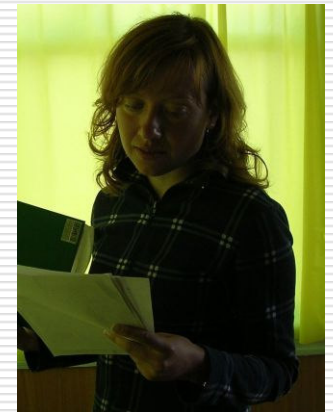


Integrated Group Presentation

Systems Analysis & ICAM (Integrated Coastal Area Management)



August 31th 2007



Overview

- E-learning / Introduction
 - Interviews with locals
 - Online-Diary
 - Virtual Phase
 - Material collection
 - Results and future work
-

Practical steps for implementation of e-learning

- 1) Analysis of demand/ clarification of suitability
 - a) Basic conditions** (related to technical, personnel and financial resources)

One course per year, summer school, elearning as preparation of f2f course, elearning-phase after f2f (post processing)

Practical steps for implementation of e-learning

b) Target group (e.g. level of previous knowledge, language, motivation, learning habits)

Students and teachers of limnoecological summer school, students from Kiel (Environmental Management, Biology) and Irkutsk

Practical steps for implementation of e-learning

2) *Conception*

a) Overall concept (teaching objective, content, media, didactic strategy, content structure, tests, software)

Objectives: Learning through research, practical education approach, (situated between research and education),

- *Kiel group:* learning integrative sciences, management,
 - *Irkutsk:* teachers to be asked (acc. to outcome of questionnaire)
-

Practical steps for implementation of e-learning

Content: lectures, films of lectures, 3d-game, virtual excursion, assessment tools, theoretical framework (DPSIR approach), hook for ongoing research, whitepapers, architecture to support team work (projekt management services, tasks with deadlines), case studies, films of interviews, films to document methods

Practical steps for implementation of e-learning

b) Detailed concept

- Script (text, links, images / graphics descriptions)
 - Media (images, graphics; interactive simulations; audio / video recordings, ...)
 - Implementation & Programming
 - Test
 - Use & Evaluation
-

Interviews in Bolshi Koty:



Date of the interview: July 26th 2007

15 participants

Interviewer: Natalia I and Natalia II

Photographer: Caroline

Overall participants:	15
Tourists	6
Guest-house-holders	2
Locals	2
Kiosk-holders	3
Scientists	1
Captain	1

Gender:	
male	5
female	10

Age:	
0-30	2
31-45	7
46-60	4
61+	2

Interviews in Bolshi Koty:

Questions for tourists:

- What country are you from?
 - Why are you here?**
 - Why did you choose this place?
 - Where did you get information about this place?
 - How did you come to this place?**
 - What do you like here?
 - What facilities are missing here?**
 - How long are you going to stay here?
 - And where are you going to stay? (if more than one day)
-

Conclusion for tourists (6 interviews):



- Some interviewees visit relatives
 - Most people come by Raketa
 - Many are missing modern communication and good shops
 -
-

Interviews in Bolshi Koty:

Questions for locals:

- What do you think about tourism and tourists?**
 - Why do you live here (just for residents)?
 - What do you think about development of your BK (your wishes)?
 - What do you do with wastes?
-

Conclusion for locals (2 interviews):



- Tourism should go on
 -
-

Interviews in Bolshi Koty:

Questions for guest-house-holders:

- Why tourists come here? (your own opinion)
 - How many beds for tourists can you provide?
 - How many do you have overnight stays?
 - How long have you operated your house?
 - Do you want expand your business?**
 - What plans do you have for future?
 - What is a peak season/time of your activity?
-

Conclusion for guest house builders(2 interviews):



- One guest-house-owner would like to expand the business
- The other one had no plan for expanding



Interviews in Bolshi Koty:

Questions for kiosk-holders:

- How many people buy something in your kiosk each day?**
- How that depends of season?
- Do you plan to expand you business nearest future?**

Questions for the captain:

- How many people arrive to that place each day?**
 - What is a pick season/time?
 - What tendency can you estimate for BK?
-

Conclusion for kiosk holders and the captain (4 interviews):



Conclusion for kiosk-holders:

- around 20 people go shopping there every day
- they don't want to expand their business!

Conclusion for the captain:

- he transports 100 people each day
-

Interviews in Bolshi Koty:

Questions scientists:

- How many students can be there at one moment?
 - How many people work here?
 - How would like you to develop your biostation?
 - How many students can use scientific facilities of that station at one moment?
 - Do you want to expand your station? How?
 - What we should improve in BK?
-

Conclusion for scientists (1 interview):



- one more cutter
 - internet, mobilphone connection
 - in winter waterpipe
 - automatical meterological station
-

Online Diary – Actors in our summer school 2007



Gallina – the chef



**Maxim Timofeyev
teacher**



Wilhelm Windhorst - teacher



Andrey – PhD student



Yvonne - student

Online Diary

Sunday, 26.8.07

Nice weather and we have a new cook. Dirk is really grateful for the present we got from our Russian scientist-friends. Half day working in the lab, then walking north to a beach near Varmachka. Taking samples for our population comparison, some girls go swimming. We are enjoying the lake, it's so beautiful.



“Virtual Phase”

Which type of media should be provided by the “Virtual Phase”:

- articles**
 - presentations (written)**
 - lecturers (audio and video-based)**
 - interactive tests
 - animations (3D)
 - skype
-

“Virtual Phase”

Which information about the summer school in Bolshy Koty should be provided by the “virtual phase”?

- Facilities**
 - Scientific equipment**
 - Scientific papers**
 - Personal information of the participants
 - Accommodations
-

“Virtual Phase”

Which additional disciplines you would like to have in limnological summer school?

- Botany**
 - Geology**
 - Environmental science**
 - Ichthyology
-

“Face to Face Phase”

Which ratio between Russians and foreign people you think will be appropriate?

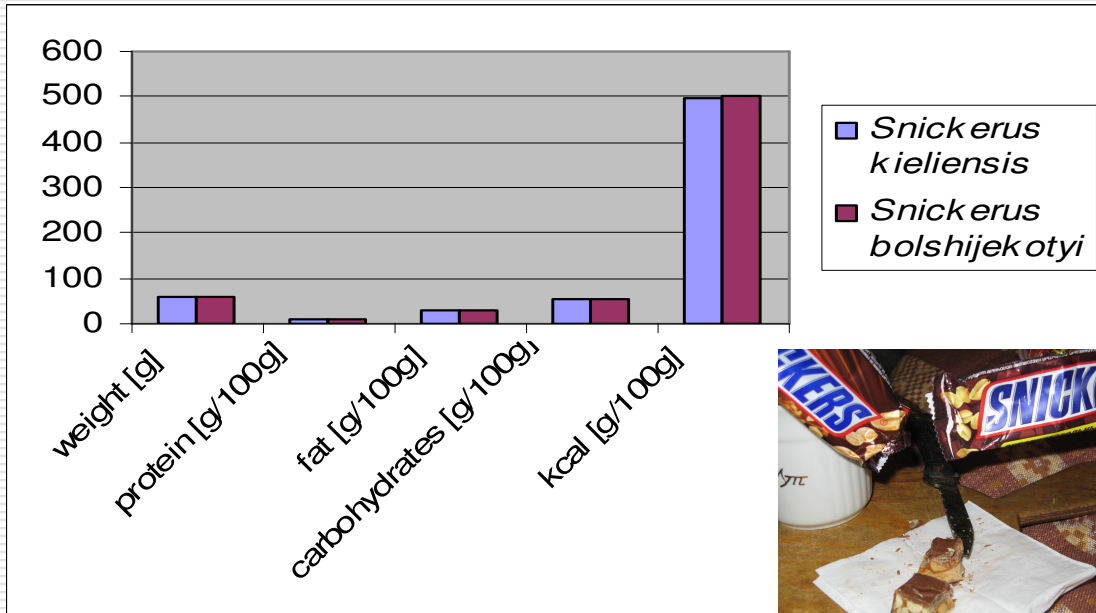
50:50

What should be the appropriate number of persons in the summer school?

< 20

< 30

< 12



“Face to Face Phase”

What teaching form do you think should be prevailing?
(more than one answer is possible)

- **excursions**
- **field work**
- **laboratory work**
- practises
- Seminars
- Lectures

Were your expectations met by the expeditions?

- Yes**
 - partly (scientific - no, tourist - yes)
-

Filmed activity units

- Sampling
 - Species identification
 - Laboratory work
 - Expedition
-

Photos of sampling



Current materials

- Records
 - Photos
 - Experiment results
 - Diaries
 - Reports
 - Questionnaires and answers
 - Lectures
-

Results and future work

- Questions about e-learning structure were discussed
 - Materials were obtained (photo, video, questionnaires answers, diaries, experiment results, ...)
 - Interviews were made, results were researched and presented
-