

ECOMAMA FIELD EXCURSION TO VIGO

10-17 MAY 2009

1e Master of ECOMAMA

>> Students and Staff

>> Students	
VAES	Tom
RAES	Eric
ARYSHANDY	Cynthia
DIAZ DEL RIO NÚÑEZ-TORRÓN	David
AZONG	Valery Funwie
MZIRAY	Prisca Shadrack
ARDIENTE MARQUEZ	Dorothy Joyce
COLO	Joannamel
COTILLAS	Charlene
SEMBA PRASETIYA	Fiddy
>> Staff	
VAN PUYVELDE	Karolien
DARO	Marie Hermande

>> Travel: Where?

The city of Vigo in Galicia, Spain

ECIMAT laboratories (Marine Institute, Universidad de Vigo, Galicia, Spain)

Galicia coastline

We will be staying in hotel Estay, Playa de Canido 195, Vigo.

>> Travel: Period?

Sunday 10/05/2009 – Sunday 17/05/2009

>> Travel: How?



Sunday 10/05/2009 - GOING OUT

Meeting at Brussels Midi train station at 11u15 Central hall, information desk !! BE ON TIME !!

AF 7192 10/05/2009 Brussels Midi Railway station – Paris Charles de Gaulle with the Thalys train

AF 5576 10/05/2009 Flight Paris Charles de Gaulle – Vigo with Air France

Sunday 17/05/2009 - COMING BACK

AF 5569 17/05/2009 flight Vigo – Paris Charles de Gaulle with Air France

AF 7179 17/05/2009 Paris Charles de Gaulle – Brussels Midi Railway station with the Thalys train

We will be back on 17/05 at 11:50 in Brussels Midi

>> Travel: Stay?

We will be staying in hotel Estay, Playa de Canido 195, Vigo, not far away from the ECIMAT institute.

>> Travel: Schedule (not complete)

Sunday 10 May

meeting Brussels Midi trainstation 11:15
departure Thalys train gare du Midi 12:09
departure Airport Paris Charles de Gaulle to Vigo at 15:25
arrival in Vigo at 17:30
arrival in the hotel around 19:00

Monday 11 May

7:30 breakfast
9:00 arrival ECIMAT
09:30-13:00 fieldwork low tide: sampling all kind of organism → room: wetlab

lunch

14:00 determination organism + Daro explanation
20:00 dinner

Tuesday 12 May

8:00 breakfast
9:30 arrival ECIMAT start practical → wetlab, other lab (centrifuge, coulta counter, spectrofotometer, balance, binoculars)

lunch

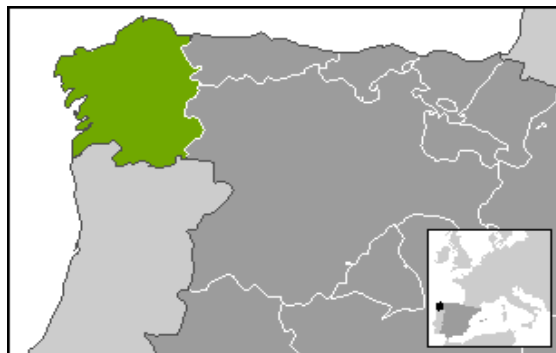
14:00-17:00

"The importance of reproductive potential in Fisheries Management" by Dr. Fran Saborido-Rey, Institute of Marine Research (CSIC), Vigo. → conference room

Research areas: Biological Oceanography, Marine Ecology, Fisheries, Aquaculture, Biological Oceanography, Marine Ecology, Fisheries, Aquaculture

Website: <http://www.iim.csic.es/pesquerias>

20:00 dinner



Vigo, Galicia, Spain.

Wednesday 13 May

5:00 breakfast
6:00 taxi to fish market
6:30 visit fish market, guided by Marian Vidal Abellas

bus public transport to ECIMAT
Practical ECIMAT → wetlab, other lab (centrifuge, coulta counter, spectrofotometer, balance, binoculars)

lunch

Practical ECIMAT → wetlab, other lab (centrifuge, coulta counter, spectrofotometer, balance, binoculars)
20:00 dinner

Thursday 14 May

7:30 breakfast
9:30 Visit Institute of Oceanography
12:00 back at ECIMAT

lunch

Practical ECIMAT → wetlab, other lab (centrifuge, coulta counter, spectrofotometer, balance, binoculars)
20:00 dinner

Friday 15 May

7:30 breakfast
9:30 Ecimat finishing practical

lunch

if still needed: ECIMAT → WETLAB, other lab (centrifuge, coulta counter, spectrofotometer, balance, binoculars)
presentation results → conference room
Cleaning all rooms ECIMAT
20:00 dinner

Saturday 16 May

8:30 breakfast

Sunday 17 May

05:00!! Breakfast (baggage should be packed by then!!)
05:30 leaving to Vigo Airport
05:50 arrival airport + check in
06:50 Flight Vigo-Paris Charles de Gaulle
08:50 Arrival in Paris Charles de Gaulle airport
10:10 Train Paris CDG – Brussels Midi Railwaystation
11:50 Arrival in Brussel



>> Documents

**Passport, Identity card ('Titre de séjour' of Belgium)! Do not forget this!!
Your fieldwork syllabus**

>> Contribution in travel costs

VLIR students: all VLIR students have to sign a form, when they do not show up or are too late for the excursion, they have to pay 300 euro.

Students without a scholarship:

Flight + Stay: 300 euro (Included: flights, transfers, stay in Hotel Estay, excursions, meals (not the first and last day and lunch on Saturday). Not included: personal costs, drinks.

Flight only: 150 Euro before 06/05/2009;

Stay only: 150 Euro before 06/05/2009.

>> Meals, food and diet?

We want to know if you have a specified diet (vegetarian, religious food restrictions, food allergies)? Please let us know before 06/05/2009 if we have to pay attention of restrictions.

All meals will be paid by ECOMAMA, except for the first and last day and the lunch on Saturday.

>> Health?

If there are people with health problems, where we have to take care by normal movements, let us know. We will bring along a First Aid kit, but if you have special medication, do not forget to bring it with you.

>> What to bring along?

- your passport and Belgian ID
- maximum 20 kg!!
- small back pack (for lunch, daytrips, rain clothes...)
- walking shoes
- bathing-suit + towel
- raincoat (light)
- warm and light clothes
- sun protection (hat, sun cream, sunglasses)
- notebook and pencil
- the field work syllabus
- 1 laptop each group
- anti mosquito lotion, if you have it (you do not have to buy it)
- personal medication
- fork, knife, spoon, little spoon (not in the hand luggage!) for lunch (pick-nick)
- rubber boots (if you don't have, ask Cindy before Wednesday 06th May to borrow a pair of ECOMAMA)
- labo jacket (if you don't have, ask Cindy before Wednesday 06th May to borrow one of ECOMAMA)
- sandwich for Sunday the 10th of May (no drinks allowed to bring through airport security!)

>> Contact address

After leave, for emergency matters only:

Vrije Universiteit Brussel, Pleinlaan 2, B1050 Brussel
Cindy De Muynck call 02/629.34.02 (room 8F504a)






Karolien Van Puyvelde: (+32) 0478/26.13.41

For further information about this excursion, please contact ECOMAMA:
Karolien Van Puyvelde or Cindy De Muynck at ecomama@vub.ac.be or 02/629.34.02.or in the ECOMAMA office

>> Study topics during Vigo Excursion

1. Determine whether there are differences in the morphology of organisms that are living on an exposed shore compared to those in a sheltered area. Select mollusc species and use shell morphology measurements such as mass, length, width, height or volume. Joanna + Tom
2. Follow the environmental parameters (O_2 , pH, $t^\circ C$, salinity) in a permanent rocky pool. Prisca + Azong
3. Determine the fauna and flora present in a permanent pool. Cynthia + Charlene
4. Dehydration resistance in different species of macro algae. Eric + Fiddy
5. Grazing of Amphipods on macro algae (pref. Ulva) Doyce + David

>> Tidal schedule of Vigo May 2009

MAYO						
Día	Hora	Alt/m	Día	Hora	Alt/m	t
1 	01 29	0,97	16 S	01 17	1,28	
	07 50	2,94		07 33	2,65	
	13 47	1,26		13 32	1,49	
	20 14	3,15		19 53	2,84	
2 S	02 49	1,06	17 	02 20	1,35	
	09 10	2,86		08 40	2,61	
	15 10	1,31		14 43	1,53	
	21 33	3,10		21 00	2,80	
3 D	04 09	1,05	18 L	03 29	1,34	
	10 26	2,90		09 49	2,66	
	16 28	1,23		15 55	1,48	
	22 47	3,14		22 06	2,84	
4 L	05 15	0,96	19 M	04 31	1,25	
	11 30	3,02		10 51	2,78	
	17 32	1,09		16 56	1,35	
	23 49	3,23		23 06	2,95	
5 M	06 08	0,86	20 X	05 24	1,12	
	12 22	3,17		11 42	2,96	
	18 24	0,94		17 48	1,18	
6 X	00 40	3,33	21 J	06 09	0,96	
	06 53	0,78		12 27	3,17	
	13 06	3,30		18 34	0,99	
	19 10	0,81				
7 J	01 25	3,39	22 V	00 44	3,27	
	07 33	0,72		06 52	0,81	
	13 46	3,41		13 09	3,38	
	19 51	0,72		19 18	0,79	
8 V	02 05	3,42	23 S	01 29	3,43	
	08 10	0,71		07 35	0,67	
	14 23	3,49		13 51	3,57	
	20 30	0,67		20 03	0,62	
9 	02 43	3,41	24 	02 14	3,56	
	08 45	0,72		08 18	0,59	
	14 58	3,52		14 34	3,72	
	21 08	0,67		20 48	0,49	
10 D	03 20	3,35	25 L	03 01	3,62	
	09 20	0,78		09 03	0,56	
	15 34	3,51		15 20	3,80	
	21 45	0,72		21 36	0,43	
11 L	03 56	3,26	26 M	03 50	3,61	
	09 54	0,87		09 50	0,59	
	16 09	3,45		16 08	3,81	
	22 23	0,80		22 27	0,44	
12 M	04 32	3,15	27 X	04 41	3,53	
	10 30	0,98		10 40	0,68	
	16 45	3,35		17 00	3,76	
	23 01	0,92		23 21	0,51	
13 X	05 10	3,02	28 J	05 36	3,39	
	11 06	1,11		11 33	0,81	
	17 24	3,22		17 55	3,64	
	23 40	1,05				
14 J	05 50	2,88	29 V	00 19	0,64	
	11 46	1,25		06 35	3,23	
	18 06	3,08		12 31	0,96	
15 V	00 25	1,17	30 S	01 21	0,79	
	06 37	2,75		07 38	3,08	
	12 33	1,39		13 34	1,09	
	18 55	2,94		19 58	3,32	
			31 	02 27	0,93	
				08 43	2,98	
				14 43	1,18	
				21 05	3,19	