



# Mobility Agreement

## Staff Mobility For Teaching<sup>1</sup>

Planned period of the teaching activity: from [ **08/05/2023** ] till [ **12/05/2023** ]

Duration (days) – excluding travel days: **5**.

### The teaching staff member

Last name (s)	<b>Zieliński</b>	First name (s)	<b>Piotr</b>
Seniority <sup>2</sup>	Senior	Nationality <sup>3</sup>	<b>Polish</b>
Gender [Male/Female/Undefined]	Male	Academic year	2022/2023
E-mail	<b>p.zielinski@uwb.edu.pl</b> <b>p.zielinski@pracownik.uwb.edu.pl</b>		

### The Sending Institution/Enterprise<sup>4</sup>

Name	<b>University of Bialystok</b>		
Erasmus code <sup>5</sup> (if applicable)	<b>PLBIALYST04</b>	Faculty/ Department	<b>Faculty of Biology</b>
Address	ul. Swierkowa 20B, 15-328 Bialystok	Country/ Country code <sup>6</sup>	<b>PL</b>
Contact person name and position	dr Agnieszka Bona	Contact person e-mail / phone	<b>a.bona@uwb.edu.pl</b>
		Size of enterprise (if applicable)	<input type="checkbox"/> <250 employees <input checked="" type="checkbox"/> >250 employees

### The Receiving Institution

Name	<b>University of Science Ho Chi Minh City VNUHCM</b>		
Erasmus code (if applicable)	<b>Ho Chi Minh City</b>	Faculty/ Department	<b>Department of the Oceanology, Meteorology and Hydrology</b>
Address	227 Nguyen Van Cu St., Dist 5, Ho Chi Minh City	Country/ Country code	<b>VN</b>
Contact person name and position	Prof. VO LUONG Hong Phuoc	Contact person e-mail / phone	<b>vlhphuoc@hcmus.ed</b>

For guidelines, please look at the end notes on page 3.



## Section to be completed BEFORE THE MOBILITY

### I. PROPOSED MOBILITY PROGRAMME

Main subject field<sup>7</sup>: **biology, ecology**

Level (select the main one): Short cycle (EQF level 5) ; Bachelor or equivalent first cycle (EQF level 6) ; Master or equivalent second cycle (EQF level 7) ; Doctoral or equivalent third cycle (EQF level 8)

Number of students at the receiving institution benefiting from the teaching programme:  
**30**

Number of teaching hours<sup>8</sup>: **8**

Language of instruction: **English**

#### Overall objectives of the mobility:

The main goal of the proposed course is introducing students with the current problems of the functioning of various ecosystems, mostly water ecosystems in the conditions of currently observed global changes.

#### Added value of the mobility (in the context of the modernisation and internationalisation strategies of the institutions involved):

Conducting a series of lectures and seminars by scientist with achievements in the field of global changes, water ecosystems contaminations will allow to draw attention to the current problems of environmental protection. In addition, lectures and seminars will contribute to the internationalization of the teaching process. The main assumptions of the internationalization of both institutions is to increase the mobility of students and academic staff, strengthen the position of both universities, strengthen research level.

#### Content of the teaching programme:

Climate change and its records in the history. Greenhouse gases: the formation process, sources, changes in their concentration in the atmosphere. Influence of human population size on atmospheric CO<sub>2</sub> concentration. Disorders in the carbon cycle in nature. Records of climate change in paleoecological research. Extreme weather phenomena as a result of climate change. The impact of agriculture on climate change.

Climate change and the biogeochemical and physiological response. Changes in tolerance of organisms to stress caused by global environmental changes (migration, acclimatization, adaptation). The adaptation possibilities of different organisms.

Dependencies between communities, and global climate changes. Overfishing - endangered species of fish as the result of global change. Pollution and littering of the Pacific Ocean; the "garbage island" problem.

Problem of global contamination of water ecosystems with microplastic (MP). Methodological problems, level of contamination. Different factors affecting migration of plastic from land to the water. Fate of MP in the riverine, lacustrine and sea ecosystems.



**Expected outcomes and impact (e.g. on the professional development of the teaching staff member and on the competences of students at both institutions):**

The main outcomes of the internationalization of both institutions will be: increase of the ecological competences of students, increasing care for the natural environment, increase of the mobility of students and academic staff, strengthen the position of both universities, strengthen knowledge of research, diversify of the teaching and scientific staff.

**II. COMMITMENT OF THE THREE PARTIES**

By signing<sup>9</sup> this document, the teaching staff member, the sending institution/enterprise and the receiving institution confirm that they approve the proposed mobility agreement.

The sending higher education institution supports the staff mobility as part of its modernisation and internationalisation strategy and will recognise it as a component in any evaluation or assessment of the teaching staff member.

The teaching staff member will share his/her experience, in particular its impact on his/her professional development and on the sending higher education institution, as a source of inspiration to others.

The teaching staff member and the beneficiary institution commit to the requirements set out in the grant agreement signed between them.

The teaching staff member and the receiving institution will communicate to the sending institution/enterprise any problems or changes regarding the proposed mobility programme or mobility period.

**The teaching staff member**

Name: Piotr Zielinski

Signature: *Piotr Zielinski* Date: 10/02/2023

**The sending institution/enterprise**

Name of the responsible person: *Agnieszka Bona*

Signature: *Agnieszka Bona* Date: 10/02/2023

UNIVERSITY OF BIALYSTOK  
FACULTY OF BIOLOGY  
Erasmus+ Coordinator

FACULTY OF BIOLOGY  
UNIVERSITY OF BIALYSTOK  
Ciolkowskiego 1J  
15-245 Bialystok, Poland

**The receiving institution**

Name of the responsible person: *Trần Minh Triết*

Signature: *Trần Minh Triết* Date: 14-02-2023

HOC DUONG GIA TRUONG  
TRUNG TAM NGHIEN TRUONG  
DAI HOA HOC  
KHOA HOC  
TU NHIEN

Trần Minh Triết

<sup>1</sup> Adaptations of this template:

- In case the mobility combines teaching and training activities, **this template** should be used and adjusted to fit both activity types.
- In the case of mobility between **Programme and Partner Country HEIs**, this agreement must be always signed by the staff member, the Programme Country HEI and the Partner Country HEI (three signatures in total).
- In the case of **invited staff from enterprises to teach in Partner Country HEIs**, this agreement must be signed by the participant, the Programme Country HEI as beneficiary; the Partner Country





HEI receiving the staff member and the Programme Country enterprise (four signatures in total). An additional space will be added for signature of the Programme Country HEI organising the mobility.

- For **invited staff from enterprises to teach in Programme Country HEIs**, it will be sufficient with the signature of the staff member, the Programme Country HEI and the sending organisation (three signatures in total, same as in mobility between Programme Countries).

<sup>2</sup> **Seniority:** Junior (approx. < 10 years of experience), Intermediate (approx. > 10 and < 20 years of experience) or Senior (approx. > 20 years of experience).

<sup>3</sup> **Nationality:** Country to which the person belongs administratively and that issues the ID card and/or passport.

<sup>4</sup> Any Programme or Partner Country enterprise or, more generally, any public or private organisation active in the labour market or in the fields of education, training and youth .

<sup>5</sup> **Erasmus Code:** A unique identifier that every higher education institution that has been awarded with the Erasmus Charter for Higher Education receives. It is only applicable to higher education institutions located in Programme Countries.

<sup>6</sup> **Country code:** ISO 3166-2 country codes available at: <https://www.iso.org/obp/ui/#search>.

<sup>7</sup> The [ISCED-F 2013 search tool](http://ec.europa.eu/education/tools/isced-f_en.htm) (available at [http://ec.europa.eu/education/tools/isced-f\\_en.htm](http://ec.europa.eu/education/tools/isced-f_en.htm)) should be used to find the ISCED 2013 detailed field of education and training.

<sup>8</sup> A minimum of 8 teaching hours per week (or any shorter period of stay) has to be respected. If the mobility lasts longer than one week, the minimum number of teaching hours for an incomplete week shall be proportional to the duration of that week. If the teaching activity is combined with a training activity during a single period abroad, the minimum is reduced to 4 teaching hours per week (or any shorter period of stay). There is no minimum number of teaching hours for invited staff from enterprises.

<sup>9</sup> Circulating papers with original signatures is not compulsory. Scanned copies of signatures or electronic signatures may be accepted, depending on the national legislation of the country of the sending institution (in the case of mobility with Partner Countries: the national legislation of the Programme Country). Certificates of attendance can be provided electronically or through any other means accessible to the staff member and the sending institution.

