

COST Action PERIAMAR

PEsticide Risk AssessMent for Amphibians and Reptiles

PERIAMAR



First General Meeting

Chamber of Agriculture and Forestry Slovenia
Gospodinjska ulica 6, 1000 Ljubljana (Slovenia)

4-5 March 2020

PROGRAMME

This event is organised by COST Action PERIAMAR PEsticide Risk AssessMent for Amphibians and Reptiles (CA18221) and supported by COST (European Cooperation in Science and Technology)

Welcome to the First General Meeting of the COST Action PERIAMAR (PEsticide Risk AssessMent for Amphibians and Reptiles). This event includes the first meeting of the four Working Groups and the Second Management Committee Meeting.

More than 60 participants from the different PERIAMAR participating and near neighbour countries are meeting in Ljubljana to review the action progress, define the objectives and plan the activities for the period May 2020-April 2021, as well as to create or strengthen professional links through networking. Participation in this meeting is by invitation only.

The meeting objectives are:

General objectives

- Define the strategy and workflow for appropriate communication and dissemination of the action
- Visualize the action and its objectives
- Visualize the opportunities that the action can provide in terms of capacity building and training of young researchers

Specific WG1 meeting objectives include the definition of strategies to:

- Analyse possible exposure routes of amphibians and reptiles to pesticides
- Explore the correlation between sub-organismal responses to pollution and population relevant endpoints
- Review the usefulness of current toxicity test methods for ERA of pesticides in amphibians and reptiles

Specific WG2 meeting objectives include the definition of strategies to:

- Conduct a cartographic analysis of amphibian and reptile distribution across agricultural landscapes in Europe

Specific WG3 meeting objectives include the definition of strategies to:

- Determine the traits accounting for an increase susceptibility of amphibians and reptiles to pesticides
- Identify alternative methods to animal experimentation to determine toxicity of pollutants on amphibians or reptiles

Specific WG4 meeting objectives include the definition of strategies to:

- Set up an outline and framework to develop further a pesticide ERA for amphibians and reptiles

Looking forward to lively and productive meetings and benefiting from your knowledge and experience in addressing the PERIAMAR main challenge of designing an environmental risk assessment procedure to avoid unacceptable impacts of pesticides to amphibians and reptiles.

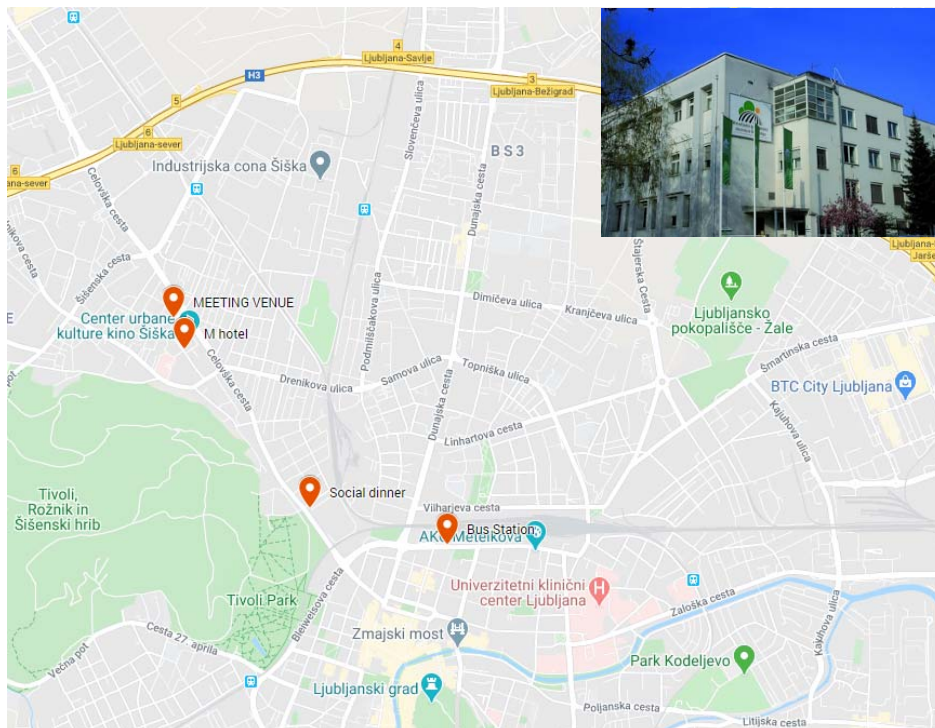
IMPORTANT INFORMATION

All participants must sign the attendance list every day. This is the only official proof of attendance to the meeting.

At the end of the Working Group meetings, WGs will work separately to elaborate a proposal of objectives and activities for the next Action Grant Period. Participants are encouraged to decide in advance which WG discussion they would like to join.

VENUE

The meeting will take place at the **Chamber of Agriculture and Forestry of Slovenia** (Kmetijsko gozdarska zbornica Slovenije). Address is Gospodinjska ulica 6, Ljubljana.



The venue is reachable from the city centre through the bus lines 1, 1B, 1D, 3, 8, 22, 50 and 60, stopping at Kino Šiška (200 m distance from the meeting venue). Information and maps of city buses can be found at <https://www.lpp.si/en/public-transport>. Walking distance from the city centre to the meeting venue is approximately 30 minutes. Although taxi expenses are not eligible for reimbursement, some companies offer very cheap services to move around the city **if booked online in advance**. Bookings can be made at https://www.taximetro.si/?page_id=335 or <https://www.taxi-rondo.si/en/Home.php>. For those arriving by car, there is a gravel parking lot in front of the building, managed by the company Janez d.o.o., for 3 EUR/day or 0.60 EUR/hour.

Working lunches will be offered by the local organisation and served at the M Hotel (to be confirmed), which is 3 minutes walking distance from the meeting venue.

HOW TO GET HERE

Ljubljana is served by the Joze Pucnik International Airport, also referred as Letališče Brnik and Brnik Airport, located 25 km north of the city (<https://www.fraport-slovenija.si/en/Main/>).

To reach the city from the airport, there are buses every hour that stop at different points of the city. The Ljubljana bus station (Ljubljana Avtobusna Postaja, 50 minutes from the airport) is the last stop of all buses and the closest to the historical city centre. The stop of Kino Šiška (travel time from the airport 25 min) is only 2 minutes walking distance to the meeting venue, although not served by all buses. The tickets (approx. 4 €) can be bought directly from the driver. See detail information at <https://www.ap-ljubljana.si/en/airport-transfers/ljubljana/>.

Several shuttle services are also operating at the airport, but given that buses offer a service of similar quality and considerably cheaper than shuttles, attendants are encouraged to use the bus.

The taxi companies mentioned above also offer low prices to connect the airport with the city if booked online in advance. Remember that taxi expenses are not eligible for reimbursement unless you are using a late arrival or early departure flight.

Some other airports (see list below), located less than three hours away from the city centre, offer alternative travel options to reach Ljubljana in a quick and economic way. Shuttle bus service GoOpti offers transfers from all those airports and/or railway stations in their cities (and also from not so nearby places like Milan or Vienna) to Ljubljana (<https://www.goopti.com/en/>); book early for low prices. Also, NOMAGO offers shuttles and bus transport from several airports (<https://shuttle.nomago.si/en/home>).

Nearby airports include:

- Trieste (Italy): the company Florentiabus (<https://www.florentiabus.it>) connects Trieste airport directly to Ljubljana city centre in 2 h 40 min (non-daily service). There is also one daily train connecting Trieste Airport directly to Ljubljana (departure 18:29, arrival 21:41; information at <https://www.trenitalia.com/>). The companies Flixbus (<https://global.flixbus.com/>) and Croatia Bus (<https://croatiabus.getbybus.com/en/>) offer daily trips to Ljubljana from Trieste bus station in about 1h 40 min. The route between the airport and Trieste bus station is served by local buses and regional trains (<https://triesteairport.it/en/trains/>). Shuttle transport is usually less than two hours.
- Venice and Treviso (Italy): both airports have frequent connections to the railway station of Venice (Mestre), from which regional trains (<https://www.trenitalia.com>)

connect to Trieste approximately every hour. Direct shuttles from Venice and Treviso to Ljubljana (see above) usually take less than three hours.

- Klagenfurt (Austria): the Austrian railway company ÖBB (<https://www.oebb.at/en/>) offers daily trains connecting Klagenfurt airport to Ljubljana after commuting in the town of Villach. Direct shuttles from Klagenfurt to Ljubljana (see above) usually take less than 1 h 30 min.
- Zagreb (Croatia): the companies Flixbus (<https://global.flixbus.com/>) and Croatia Bus (<https://croatiabus.getbybus.com/en/>) connect Zagreb and Ljubljana in about 2 h 30 min. Be wary, however, that because Croatia is not in the Schengen area, large buses are often stopped at the border and have to be disembarked for control. Different shuttles and buses connect Zagreb airport to the bus station within the city (<https://www.zagreb-airport.hr/en/passengers/to-from-the-airport/35>). Direct shuttles from Zagreb to Ljubljana (see above) are normally subject to regular control only and cross the border without significant delays, with a travel time from the airport of less than 2 h 30 min.

SOCIAL DINNER

All participants are welcome to join the social dinner in the evening of March 4th at the Pivnica Union (address: Celovshka cesta 22). Dinner's price will be 20 euro for the conventional menu and 18 for the vegetarian choice (drinks not included in any case). Dinner expenses will not be covered by the organisation. Anticipated booking for the dinner is mandatory.

MEETING ORGANISATION

Local Organising Committee

Anamarija Žagar
David Stanković
Martina Lužnik

PERIAMAR Core Group

Manuel Ortiz-Santaliestra
Isabel Lopes
Cecilia Berg
Miguel Carretero
Annette Aldrich
Silvia Pieper
Dan Cogalniceanu
Anamarija Žagar
Cristina Borca

AGENDA OF THE WORKING GROUP MEETINGS

(Management Committee Meeting excluded)

1. Welcome to participants
2. Adoption of agenda
3. Update from the Action Chair

Working Group 1 meeting

4. Review of the state of the science relative to WG1 tasks
5. Definition of WG1 objectives for Grant Period 2
6. Proposal of WG1 networking activities for Grant Period 2

Working Group 2 meeting

7. Review of the state of the science relative to WG2 tasks
8. Definition of WG2 objectives for Grant Period 2
9. Proposal of WG2 networking activities for Grant Period 2

Working Group 3 meeting

10. Review of the state of the science relative to WG3 tasks
11. Definition of WG3 objectives for Grant Period 2
12. Proposal of WG3 networking activities for Grant Period 2

Working Group 4 meeting

13. Review of the state of the science relative to WG4 tasks
14. Definition of WG4 objectives for Grant Period 2
15. Proposal of WG4 networking activities for Grant Period 2
16. Science Communication Strategies
17. AOB
18. Closing

MEETING PROGRAMME

Wednesday, March 4 th		
8:30-9:00	Registration	
9:00-9:10	Opening	
9:10-9:30	Presentation of PERIAMAR and meeting programme (Manuel Ortiz)	
9:30-9:55	State of the art of pesticide ERA for amphibians and reptiles (Silvia Pieper)	
9:55-10:10	Strategies to develop a Guidance Document for pesticide ERA (Emily McVey)	
10:10-10:25	Discussion on the General Framework of pesticide ERA for herpetofauna	
10:25-10:55	Working Group 3	Structure of the life history trait database - task 3.1 (Valentin Mingo, Manuel Ortiz)
10:55-11:25		<i>Coffee break</i>
11:25-11:40		Application of ALMaSS individual-based models to ERA for amphibians and reptiles - task 3.2 (Christopher Topping)
11:40-12:05		Definition of objectives and activities of tasks 3.1 and 3.2
12:05-12:25		Options for extrapolation from routinely conducted tests in ERA to amphibians and reptiles - task 3.3 (Annette Aldrich)
12:25-12:35		Overview of existing in vitro and in silico methods applicable to pesticide ERA for amphibians and reptiles - task 3.4 (Isabel Lopes)
12:35-13:00		Definition of objectives and activities of tasks 3.3 and 3.4
13:00-14:30		<i>Lunch (provided by the organization)</i>
14:30-14:50	Working Group 1	Exposure routes of amphibians and reptiles to pesticides, and application of exposure and TK/TD models to herpetofauna - task 1.1 (Andreas Focks, Andreu Rico)
14:50-15:10		Definition of objectives and activities of task 1.1
15:10-15:30		Toxicity endpoints applicable to amphibians and reptiles - task 1.2 (Manuel Ortiz)
15:30-15:40		Description and applications of standard toxicity tests for herpetofauna - task 1.3 (David du Pasquier)
15:40-16:10		Definition of objectives and activities of tasks 1.2 and 1.3
16:10-16:40	<i>Coffee break</i>	
16:40-17:05	PERIAMAR communication and dissemination strategy (Cristina Borca)	
17:05-17:20	Synergies between PERIAMAR and the Societas Europaea Herpetologica (Mathieu Denoël)	
17:20-18:00	Definition of tools and activities for communication and dissemination	

Thursday, March 5 th		
9:00-9:05	Working Group 2	Plans to model pesticide concentrations in amphibian breeding ponds - task 2.3 (Wim Beltman)
9:05-9:15		Amphibian and reptile distribution in agricultural areas - task 2.1 (Neftalí Sillero)
9:15-9:30		Definition of objectives and activities of tasks 2.1 and 2.3
9:30-9:50		Tools to relate amphibian and reptile field ecology to pesticide exposure - task 2.2 (Marta Biaggini)
9:50-10:10		Basis for assessing indirect effect of pesticides to amphibians and reptiles - task 2.4 (Miguel Carretero)
10:10-10:40		Definition of objectives and activities of tasks 2.2, 2.3 and 2.4
10:40-11:10	<i>Coffee break</i>	
11:10-11:25	Working Group 4	Progress in addressing information gaps for pesticide ERA in amphibians and reptiles - task 4.1 (Silvia Pieper)
11:25-11:40		Tools for retrospective assessment of pesticides: chemical and biological monitoring of aquatic environments - task 4.3 (Marion Junghans)
11:40-12:10		Discussion on the activities of tasks 4.1, 4.2 and 4.3
12:10-13:00	Elaboration of a final proposal of objectives and activities by each WG for the second Grant Period	
13:00-14:30	<i>Lunch (provided by the organization)</i>	
14:30-18:00	Second Management Committee Meeting (MC members, MC substitutes appointed by absent MC members, and MC observers)	

The programme is subject to modification. Meeting participants will be informed about any programme amendment.

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