
WISER Mid-term Project Meeting

September 6–9, 2010, Dębe n. Warsaw, Poland

Third Circular



Please note:

- **You should check your travel data in Annex 4 (separate Excel file) for correctness and provide us with missing data at your earliest convenience to ensure proper shuttle service.**
- **WP session agendas may be added/updated during the meeting.**

The meeting venue is the Centre of Environmental Protection in Dębe, a training facility of the Ministry of Environmental Protection Poland. Dębe is located at a lake site some 35 km away from Warsaw airport. The Conference Centre provides both conference rooms and sufficient rooms for accommodation. Far away from the noisy capital, this will facilitate a productive and fruitful meeting.

Full conference address:

The Centre of Environmental Protection
DĘBE, 05-140 Serock
Phone: +48 22 774 20 61
Fax: +48 22 774 20 62, 774 35 14
e-mail: biuro@codkos.pl
www.codkos.pl

Registration

We've extended the online registration by two weeks. If you have not yet registered, please use this online tool at <http://www.wiser.eu/news/conference/> and provide us with your full travel data to ensure additional services, such as airport shuttle to the venue and back.

Please note: Online registration will be possible by Monday, 23 August 2010.

Those of you who have already registered, please check your travel data listed in Annex 3 and provide us with updates at your earliest convenience, if necessary. Missing data are marked yellow in Annex 3.

Accommodation

Accommodation is being centrally organized, based on the information provided on registration (arrival/departure dates). By default, a single room has been booked unless indicated otherwise (comments on registration).

The room rates for accommodation are 140,-- PLN (ca. 35,-- €) in a single room and 100,-- PLN (ca. 25,-- €) per person in a double room. Full board (breakfast, lunch, dinner) shall sum up to ca. 140,-- PLN (ca. 35,-- €) per day. All rates may be subject to minor changes.

Travel

Unfortunately, there will be construction works at the Warsaw airport Frederick Chopin on the weekends before and after the meeting (see <http://www.lotnisko-chopina.pl/en/airport/about-the-airport/pressroom/news/2010/7/flights-to-from-chopin-airport-during-reconstruction-of-runway-intersection-in-september> for the **latest details**). This means that the flight traffic will be limited while the major runway is being renewed. Smaller airplanes, however, can continue to operate through a second runway. Meeting attendees who fly into Warsaw on Monday and depart before Friday night should not be affected at all by the construction works. If you had to choose a different airport (e.g., Lodz or Krakow), please inform our local Partner IEP (Agnieszka.Kolada@ios.edu.pl) about your destination airport and arrival time so that she can help arrange the ground transportation to Dębe.

Warsaw airport is ca. 40 km away from the venue. We have organized a shuttle service between Warsaw airport and the Conference Centre based on your registration details. This service will be included in the conference fees. **If you prefer to take a private taxi**, please note that a trip may easily sum up to €100,-- per car. You should try to fix a price before you start and **inform us accordingly**.

How to pay for the meeting—Invoicing procedure

All WISER consortium members will be charged their individual costs for accommodation, full board (breakfast, lunch, dinner) and the conference fees (rooms, services, social program). Invited external attendees (advisory board, GIG representatives, key-note speaker) will not be charged.

Therefore, the total meeting costs will be divided into accommodation (incl. full board) and conference fees. You will have to balance your individual costs for accommodation and full board with the Conference Centre when you check out. Payment will be possible cash or by credit card (they accept Maestro, MasterCard, VISA, VISA electron, DinersClub International, PolCard, but NO AMEX). The conference fees include all costs for meeting

rooms and facilities, equipment, coffee breaks and shuttle services. We will hand over an invoice to each consortium attendee and kindly request to reimburse the conference costs in due time after the meeting. The estimated conference fee is €220,--



Visiting Warsaw—Social program and dinner

A small ‘social program’ has been scheduled for Wednesday afternoon. All meeting attendees except the Advisory Board and the Steering Group will be offered to attend an optional trip to Warsaw. The Advisory Board and Steering Group will join later for the social meeting dinner in Warsaw. Your reservation for the social program has been made according to your registration.

For the conference dinner on Wednesday, 8 September, we are going to visit Warsaw. Warsaw, nurturing over 400 years of pride as a capital, is Poland’s largest city and an economic, political, and cultural centre.

We will directly arrive in the Old Town at Zamkowy Square, next to the oldest and tallest secular monument in Warsaw and the main meeting point of the locals—the Column of Zygmunt III Waza, the King who in 1596 moved the capital from Krakow to Warsaw. From there you can easily reach main attractions of the city: Old and New Town with their picturesque, charming streets and buildings (perfectly renovated after the World War II), Old Market Square, Royal Castle and Presidential Palace, and many other historic churches, palaces and monuments.

Going south from the Zamkowy Square you can walk along the Royal Route which is one of the most representative arteries of the city, as it combines a series of old royal residences. It evolved over centuries, and it charms with its scattered churches, parks and residences, as well as numerous coffees, restaurants and luxury shops. We recommend to visit:

<http://www.warsawtour.pl/en> for more detailed information and tips.

The Social Dinner will be at the unique restaurant “Podwale—Kompania Piwna”, which is located in a historic building on Podwale Street, in the Old Town between the monument to the “Small Insurgent” and the old town wall, the Barbican (www.podwale25.pl). We plan to start dinner at 20:00.

Currency

As you probably know, Poland has its own currency – the ‘Złoty’ (PLN). It is quite easy to change money at the airport or downtown Warsaw. The actual exchange rate is about 4,1 PLN per 1 Euro.

Who should attend?

Project partners: Please make sure that each partner has sent a sufficient number of delegates to ensure that the partner is represented at all relevant Workpackage and Module sessions and can vitally contribute to presentations and discussions of results (see agenda).

Steering Group: Two Steering Group sessions frame the meeting, one of which is scheduled for Monday morning and another closing session on Friday morning. The members of the Steering Group should attend both sessions.

Advisory Board: The Advisory Board meeting has been scheduled for Wednesday (8 Sep), all afternoon.

Geographical Intercalibration Group experts: As part of the end user group, we explicitly welcome interested GIG experts to the Mid-term Project Meeting. In particular, the individual lake and marine Workpackage sessions from Monday late afternoon until Wednesday noon might be of interest for GIG experts. Among other topics, the draft common metrics for intercalibration will be presented and discussed. WISER will cover meeting costs (travel, accommodation, meals, conference fees) for a limited number of GIG experts.

Other end users: We also explicitly welcome other end users who have already been in contact with WISER partners.

Programme (see Annex 3 for a full agenda)

The Mid-term Project Meeting is scheduled from Monday lunchtime (6 Sep) until Thursday evening (9 Sep), i.e. 3.5 days. Most time has been dedicated to individual and joint Workpackage meetings (1.5 days). This should facilitate sufficient presentation and discussion of details. Half a day each will also be available for Advisory Board meetings and an uncertainty workshop. Finally, one day has been reserved for plenary and Module summary meetings in order to provide a general overview and results to the entire auditorium. The Mid-term Project Meeting is framed by two meetings of the Steering Group.

Module, Workpackage, end user and *ad hoc* meetings

Altogether, we will have 13 rooms of different sizes available during the entire meeting. Besides the meeting structure as outlined in the overall meeting agenda (Annex 3), this will also facilitate a flexible organization of individual *ad hoc* meetings, if necessary. Some Workpackage leaders already prepared their session agendas, which have been included in this document (see Annex: 2).

Please consider the topics listed in Annex 1 when planning your individual session agenda. Each Workpackage should discuss these topics during the meetings and should prepare the answers/results for the final discussion.

Contact persons

The meeting will be jointly organized by Agnieszka Kolada (IEP, Warsaw, Poland), Christian Feld and Annika Schlusen (UDE, Essen, Germany). See www.wiser.eu for further contact details.

E-Mail requests should be sent to conference@wiser.eu.

Annexes to the 3rd circular

Annex 1: Topics for Workpackage (WP) and Module discussions

Annex 2: Agendas for Workpackage and Module sessions

Annex 3: Overall meeting agenda

Annex 4. List of meeting attendees ([see separate Excel file](#))

Annex 1

List of topics to be discussed and question to be answered during the WISER Mid-term Project Meeting (6–9 September 2010, Dębe, Poland)

Workpackage meetings will be chaired by Workpackage leaders, Module meetings by Module leaders. By the end of the project meeting (Thursday), the Workpackages and Modules should have addressed the issues mentioned below (besides other Workpackage-specific items).

All Workpackages (2.1–7.1)

- Agree on timetable and responsibilities for the next tasks and deliverables
- Agree on the authorship and target journals for publications

All Workpackages in Modules 3–6

- Set deadline and agree on final version of WP database for joint analysis
- Ensure exchange of WP databases with other WPs, in particular from Modules 3–5 => Module 6, from Module 3 to WP5.2 and from Module 4 to WP5.3
- Agree on delivery date of final WP database(s) to WP2.1
- Agree on responsibilities and timetable for data analysis
- Agree on a structure and strategy to analyse uncertainties connected to the data analyses applied in the WPs
- Agree on a plan for publication, responsibilities and authorships

All Workpackages in Modules 3 and 4

- Agree on a (set of) common intercalibration metrics or multi-metrics
- Agree on a structure to analyse uncertainties connected to sampling/sorting and identification in addition to uncertainties of data analyses
- Discuss “added value” WP publications from the WISER field exercise (e.g., sampling methodology, uncertainty)
- Consider added value module publications from the field exercise (e.g., cross-BQE publications on diversity/richness and on thresholds to pressures)

Annex 2

Agenda Opening Plenary (Monday, 14:00-16:00)

6 Sep, afternoon 1	WISER	Responsible
14:00–14:30	Welcome note and introduction to the meeting	Christos Fragakis, EC Daniel Hering, UDE
14:30–14:45	Reporting: PAR and PMR	Christian Feld, UDE
14:45–15:30	The Causal Analysis/Diagnosis Decision Information System CADDIS	Rick Ziegler, US EPA
15:30–15:50	Overview and status of Intercalibration in Europe	Wouter van de Bund, EC-JRC
15:50–16:00	Final remarks on the meeting	Daniel Hering/ Christian Feld

Agenda Advisory Board meeting (Wednesday, 14:00-18:30)

8 Sep, afternoon 1, 2	WISER	Responsible
14:00–14:30	WISER: presentation of the state-of-the-art with special focus on: - the European database of assessment methods, - the WISER databases (existing data), - the WISER contribution to intercalibration, in particular to the development of common metrics, - the development of assessment methods for lakes and transitional/coastal waters and - the effects of management and climate change.	Daniel Hering, Christian Feld
14:30–16:00	Discussion of the Advisory Board with members of the WISER Steering Group.	all
16:20–17:30	Internal discussion of the Advisory Board with the aims to review the project's performance and to generate recommendations for the project, particularly addressing the topics presented before.	AB members
17:30–18:30	Feedback of the Advisory Board to the WISER Steering Group and discussion of the Advisory Board's recommendations.	all

Agenda WP2.1 — Data service

Data service and technical issues (WP2.1)

Topics

- WP databases: overview of progress for each WP (*Jannicke*)
- Central database: current content, technical issues, way forward (*Roar, Jannicke*)
- Metadatabase: presentation of query options available so far (*Astrid*)
- Data extraction tool: presentation of current version, way forward (*Bernie*)
- Link metadatabase - central database: state of the art, map-linked options, way forward (*Roar, Jannicke*)
- Publications on database experiences: authors, journal, division of work, timetable (*all*)

Data management (WP2.1 + WP data managers)

Topics

- Short summary by all WP data managers: experiences with the data handling within the WP and collaboration with WP2.1
- Transfer of different WP databases to the Central database: problems and solutions
- Management of new environmental data that are shared by several WPs
- Responsibility of metadata entries
- Need for tools for extraction of data from Central database (mainly Module 6)
- Other specific problems or needs
- Future plans of all data managers on the delivery of the final WP database; deadlines

Data and guidelines (Module 2)

Topics

- Overview of WP2.2 activities (*Sebastian*)
- Functionality of web-based search tools in WP2.2 and WP2.1 (*Sebastian, Astrid, Roar*)

Agenda WP3.1—Lake Phytoplankton

6 Sep	WISER	Responsible
16.20-18.30	Aim of the mid-term WP 3.1 meeting Field Exercise / Uncertainty Analysis. Discussion of data, time series availability Chlorophyll Composition HPLC Fluoroprobe Involvement in analysis and guidance documents Status of deliverables Meetings and publication plans	LC LC to chair PN LC/ST JC ALS? LC to chair
7 Sep	WISER/GIG combined meeting	
8.30-10.30	Candidate common metrics for IC <ul style="list-style-type: none"> • Introduction • Phytoplankton trophic index • Class-level indicators • Size structure and morpho-functional groups • Blooms: evenness • Blooms: cyanobacterial abundance 	<ul style="list-style-type: none"> • LC • GP/ALS • GP/ALS • GM • UM • LC
10.30-10.50	Coffee	
10.50-12.50	Discussion of candidate metrics <ul style="list-style-type: none"> • GIG coverage • IC of individual or combined multi-metrics? • Recommendations for IC process 	ALS to chair
	Lunch break	
14.00-16.00	Combination of metrics: chlorophyll, composition, blooms Other WISER/GIG issues – publications, future meetings, etc.	ALS to chair
16.00-16.20	Coffee	
16.20-18.30	All lake assessment (WP 3.1-3.4) and lake management (WP 5.2) session	
8 Sep	WISER	
8.30-10.30	Cross-work package phytoplankton BQE (WP3.1/4.1)	
10.30-10.50	Coffee	
10.50-12.50	Module session lake and marine assessment (Modules 3/4)	

Responsible people:

Anne Lyche Solheim (ALS)
Giuseppe Morabito (GM)
Geoff Phillips (GP)
Jordi Catalan (JC)
Laurence Carvalho (LC)
Stephen Thackeray (ST)
Peeter Nõges (PN)
Ute Mischke (UM)

Agenda WP3.2—Lake Macrophytes

6 Sep	WISER	Responsible
16.20-18.30	Aim of the mid-term WP 3.2 meeting – overview of the ongoing activities Macrophyte database overview: <ul style="list-style-type: none"> - External data compilation state-of-the-art - Field exercise data compilation Common taxa list Discussion	AK BD (tbc) VB All
7 Sep	WISER/GIG combined meeting	
8.30-10.30	Presentation of the results on testing of the candidate metrics: <ul style="list-style-type: none"> • Introduction • Max colonisation depth • Water level fluctuation • Other candidate metrics tested • Land use-macrophytes relationships • Palaeo –analyses • 	AK MS SH AK FE HB (all tbc!!!)
10.30-10.50	Coffee	
10.50-12.50	Discussion of candidate metrics <ul style="list-style-type: none"> • GIG coverage • IC of individual or combined multi-metrics • Recommendations for IC process 	All + GIGs
	Lunch break	
14.00-16.00	Uncertainty analysis – responsibilities, actions, deadlines Timetable for data analysis and deadlines for the deliverables (drafts/chapters) Publication plans Further meetings	
16.00-16.20	Coffee	
16.20-18.30	All lake assessment (WP 3.1-3.4) and lake management (WP 5.2) session	
8 Sep	WISER	
8.30-10.30	Cross-work package macrophyte BQE (WP3.2/4.2)	
10.30-10.50	Coffee	
10.50-12.50	Module session lake and marine assessment (Modules 3/4)	

Responsible people:

Agnieszka Kolada (AK)

Frauke Ecke (FE)

Martin Søndergaard (MS)

Seppo Hellsten (SH)

Bernard Dudley (BD)

Vincent Bertrain (VB)

Agenda WP3.3—Lake Macroinvertebrates

6 Sep	WISER	Responsible
16.20-18.30	Update on status of WP 3.3 <ul style="list-style-type: none"> • Introduction to the WP3.3 meeting • Aim of the mid term WP3.3 meeting Status of the data base Report on field Exercise/Sample processing Discussion on LHS data <ul style="list-style-type: none"> • Data input, use of data, correlation with macroinvertebrates etc. Status of elaboration of deliverables and contribution of partners Uncertainty Analysis Involvement of project partners in analysis and guidance documents Additional/basic scientific work conducted in WP e.g. biomass size spectra Meetings and publication plans	MP JB GP, LS, AS, KI MP to chair MP to chair KI to chair MP to chair LS, KI, MP, AS MP to chair
7 Sep	WISER/GIG combined meeting	
8.30-10.30	Report on GIG macroinvertebrate work <ul style="list-style-type: none"> • State of work in the various GIGs • Candidate common metrics for IC 	JB, AS, LS, BC
10.30-10.50	Coffee	
10.50-12.50	Discussion of candidate metrics (continued) <ul style="list-style-type: none"> • GIG coverage • IC of individual or combined multi-metrics? • Recommendations for IC process 	JB to chair
	Lunch break	
14.00-16.00	Combination of metrics Other WISER/GIG issues – publications, future meetings, etc.	JB to chair MP to chair
16.00-16.20	Coffee	
16.20-18.30	All lake assessment (WP 3.1-3.4) and lake management (WP 5.2) session	
8 Sep	WISER	
8.30-10.30	Cross-work package invertebrates BQE (WP3.3/4.3)	
10.30-10.50	Coffee	
10.50-12.50	Module session lake and marine assessment (Modules 3/4)	

Responsible people:

Angelo Solimini (AS)
 Bela Csanyi (BC)
 Gwendolin Porst (GP)
 Jürgen Böhmer (JB)
 Ken Irvine (KI)
 Leonard Sandin (LS)
 Martin Pusch (MP)

Agenda Module 5—Impacts of Pressure reduction and Climate Change on the Ecological Status

Date and place	Module 5 Climate change and management	Responsible
Monday 6th Sep 16:20 – 18:30 Room 142	<p>Overarching objectives of M5 (~10 minutes)</p> <ul style="list-style-type: none"> - summary of activities in WP5.1 (~20 minutes) - summary of activities in WP5.2 (~15 minutes) - summary of activities in WP5.3 (~15 minutes) - discussion of summaries <p>Brainstorming on integrative activities across WP5.1-3 Status of WP databases: How and when can we provide M05 data to M06? Status of conceptual modelling and next steps</p>	<p>Jacob Carstensen Christian Feld Olli Malve Jacob Carstensen</p> <p>All</p>
Thursday 9th Sep 14:00 – 16:00 Room D	<p>Feedback from WP meetings (briefly) Planning activities and deadlines for the next 18 months Joint paper on conceptual modelling? Other joint publications, e.g., integrating results from the river/lake to the sea? Wageningen follow up workshop in 2011?</p>	All

Agenda WP5.1—Effects of Management and Climate Change—Rivers

Tuesday morning 2, Room 141 (10:50–12:50)

Status of WP DB, quality checks, gaps, taxa lists, problems	Andreas Melcher, all
Status of restoration DB	Dirk Nemitz
Case studies: Common research questions (see draft list of questions in Annex 1)	Andi Melcher, Didier Pont, Piet Verdonschot
Status of manuscript D5.1-1	Christian Feld

Additional time slot on:

Tuesday afternoon 1, Room 141 (14:00–16:00)

Modelling data in WP5.1: Which existing models can/should we apply?	all
Next WP meeting in Bordeaux (agenda, what to present?)	all
Small data analysis meetings (where, when, who?)	all

Attendees:

Christian Feld (UDE)
Dirk Nemitz (UDE)
Didier Pont (CEMAGREF)
Anahita Marzin (CEMAGREF)
Andreas Melcher (BOKU)
Astrid Schmidt-Kloiber (BOKU)
Piet Verdonschot (ALTERRA)
NN

Agenda WP5.3—Effects of Management and Climate Change—Transitional and Coastal Waters

Date and place	Module 5 Climate change and marine management	Responsible
Tuesday 6th Sep morning 2 (10:50 – 12:50) and afternoon 1 (14:00–16:00), Room 20	Introduction and overview (10 minutes)	Jacob Carstensen
	Statistical approaches to assess effects of nutrients and climate and potential recovery (~30 minutes)	Jacob Carstensen
	Mechanistic modelling approaches to assess effects of nutrients and climate change <ul style="list-style-type: none"> - Helsinki Bay area (~20 minutes) - Nervion estuary (~20 minutes) 	Pirkko Kauppila Angel Borja
	Discussion	All

Agenda WP6.2—Combination of BQEs into a complete water body assessment

7 September 2010, 16:20-18:30

1.	WP 6.2 overview – tasks, deliverables, planning	WvdB
2.	Deliverable 3.2.1: <i>Review and testing of approaches for combining BQEs</i> <ul style="list-style-type: none"> - outcome (draft Deliverable) - plans for future updates 	RC
3.	Analysis of artificial/randomized data] <ul style="list-style-type: none"> - planned activities and deliverables - possible involvement of other WP6.2 partners - responsibilities and timetable 	WvdB, RC
4.	Analysis of existing data <ul style="list-style-type: none"> - planned activities and deliverables - activities carried out so far - data sets to be used - responsibilities and timetable 	WvdB AB?; WvdB All All
5.	Analysis of WISER field data <ul style="list-style-type: none"> - planned activities and deliverables - what will be possible with the data we can expect - responsibilities and timetable 	WvdB All All
6.	Expected output <ul style="list-style-type: none"> - Deliverables (with timetable and responsibilities) - Publications (target journals, authorship) 	All
7.	Other issues <ul style="list-style-type: none"> - links with other work packages - ?? 	

Expected participants:

Wouter van de Bund (WvdB)

Rossana Caroni (RC)

Angel Borja (AB) [or other representative(s) from AZTI]

Laurence Carvalho (LC) [or other representative(s) from CEH]

Richard Johnson (RJ) [or other representative(s) from SLU]

Stefan Schmutz (SS) [or other representative(s) from BOKU]

Agenda WP6.4—Differences between past and future Changes

Discussion points

1. Task 1

Specific / targeted data need and data availability to perform analysis and literature-based (refereed and grey literature) metadata analysis on restoration/recovery for the water categories:

- rivers NERC,
- lakes UCL, SLU
- marine EU-JRC

Trait/functional data ALTERRA

Data collection and analysis of restoration projects, especially recovery success, for the water categories:

- rivers NERC,
- lakes UCL, SLU
- marine EU-JRC

Note 1: data can be obtained through Module 5 or the WP2.1 main database and involve four organism groups (algae, plants, macroinvertebrates and fish).

Note 2: As we do not yet know what information can be expected from the general WISER database nor from the other Modules the suggestion came up to use country / participant specific databases:

Acidification and recovery of lakes SLU

Lake restoration (mainly eutrophication?) NERC

Restoration/recovery in costal/transitional waters JRC

Note 3: The literature study should mainly focus on the restoration processes and functional features and less on degradation (which is part of WP6.3).

2. Task 2

- Deliverable 6.4.1 Literature study dispersal, connectivity, metapopulation dynamics (review article/D6.4.1 month 18: SLU, ALTERRA)
- Testing the overarching processes (milestone Month 36) (responsible institute?)

3. Task 3

- Comparison of analyses results recovery chains and development of concepts (e.g., general DPSIRR-chains with focus on RR part)(month 36: ALTERRA and link to synthesis WP5.1 synthesis)
- Develop a method to combine recovery effects in a summarising ‘catchment’ metric (month 36: SLU)
- Analysis of recovery successes (month 36: JRC)

5. Responsibilities and timetable for data analysis

- Assignment of responsibilities
- Venues and dates future task and/or WP meetings (ALTERRA, NERC, SLU, UCL, JRC)

Monday 6 Sep

session	start	end	Room AB (200p)	Room C (50p)	Room D (50p)	Room E (90p)	Room F (60p)	Room G (40p)	Room H (20p)	Room K (20p)	Room 140 (20p)	Room 141 (20p)	Room 142 (50p)	Room 20 (20p)
morning 1	8:30	10:30	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Steering Group Meeting (and closing meeting on 10 Sep, 8:30-13:00)	Ad-hoc meetings
coffee 1	10:30	10:50												
morning 2	10:50	12:50	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings		Ad-hoc meetings
lunch	12:50	14:00												
afternoon 1	14:00	16:00	Welcome plenary, keynote, overview intercalibration	x	x	x	x	x	x	x	x	x	x	x
coffee 2	16:00	16:20												
afternoon 2	16:20	18:30	Ad-hoc meetings	Workpackage sessions assessment lake phytoplankton (WP3.1)	Workpackage sessions assessment marine phytoplankton (WP4.1)	Workpackage sessions assessment lake macrophytes (WP3.2)	Workpackage sessions assessment marine angiosperms and macroalgae (WP4.2)	Workpackage sessions assessment lake benthic invertebrates (WP3.3)	Ad-hoc meetings	Workpackage sessions assessment lake fish (WP3.4)	Workpackage sessions assessment marine fish (WP4.4)	Data service and technical issues (WP2.1)	Module session climate change and management (Module 5)	Module session comparison and integration of results (Module 6)
dinner	19:30													

Tuesday 7 Sep

session	start	end	Room AB (200p)	Room C (50p)	Room D (50p)	Room E (90p)	Room F (60p)	Room G (40p)	Room H (20p)	Room K (20p)	Room 140 (20p)	Room 141 (20p)	Room 142 (50p)	Room 20 (20p)
morning 1	8:30	10:30	Ad-hoc meetings	Workpackage sessions assessment lake phytoplankton (WP3.1)	Workpackage sessions assessment marine phytoplankton (WP4.1)	Workpackage sessions assessment lake macrophytes (WP3.2)	Workpackage sessions assessment marine angiosperms and macroalgae (WP4.2)	Workpackage sessions assessment lake benthic invertebrates (WP3.3)	Ad-hoc meetings	Workpackage sessions assessment lake fish (WP3.4)	Workpackage sessions assessment marine fish (WP4.4)	Ad-hoc meetings	Ad-hoc meetings	Data service and technical issues (WP2.1)
coffee 1	10:30	10:50												
morning 2	10:50	12:50	Ad-hoc meetings	Workpackage sessions assessment lake phytoplankton (WP3.1)	Workpackage sessions assessment marine phytoplankton (WP4.1)	Workpackage sessions assessment lake macrophytes (WP3.2)	Workpackage sessions assessment marine angiosperms and macroalgae (WP4.2)	Workpackage sessions assessment lake benthic invertebrates (WP3.3)	Workpackage session climate change and lake management (WP5.2)	Workpackage sessions assessment lake fish (WP3.4)	Workpackage sessions assessment marine fish (WP4.4)	Workpackage session climate change and river management (WP5.1)	Module session Dissemination (WP7.1 + Module 7)	Workpackage session climate change and marine management (WP5.3)
lunch	12:50	14:00												
afternoon 1	14:00	16:00	Ad-hoc meetings	Workpackage sessions assessment lake phytoplankton (WP3.1)	Workpackage sessions assessment marine phytoplankton (WP4.1)	Workpackage sessions assessment lake macrophytes (WP3.2)	Workpackage sessions assessment marine angiosperms and macroalgae (WP4.2)	Workpackage sessions assessment lake benthic invertebrates (WP3.3)	Workpackage session climate change and lake management (WP5.2)	Workpackage sessions assessment lake fish (WP3.4)	Workpackage sessions assessment marine fish (WP4.4)	Workpackage session climate change and river management (WP5.1)	Workpackage session uncertainty (WP6.1)	Workpackage session climate change and marine management (WP5.3)
coffee 2	16:00	16:20												
afternoon 2	16:20	18:30	Ad-hoc meetings	Ad-hoc meetings	Workpackage session combination of BQEs to complete water body assessment (WP6.2)	All lake assessment (WP3.1-3.4) and lake management (WP5.2) session	All marine assessment (WP4.1-4.4) and marine management (WP5.3) session	Workpackage session comparison of assessment across water categories (WP6.3)	Workpackage session comparison of recovery across water categories (WP6.4)	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings
dinner	19:30													

Wednesday 8 Sep

session	start	end	Room AB (200p)	Room C (50p)	Room D (50p)	Room E (90p)	Room F (60p)	Room G (40p)	Room H (20p)	Room K (20p)	Room 140 (20p)	Room 141 (20p)	Room 142 (50p)	Room 20 (20p)
morning 1	8:30	10:30	Ad-hoc meetings	Cross-Workpackage BQE session fish (WP3.4/4.4)	Cross-Workpackage BQE session macrophytes/ -algae/angiosperms (WP3.2/4.2)	Cross-Workpackage BQE session phytoplankton (WP3.1/4.1)	Cross-Workpackage BQE session benthic invertebrates (WP3.3/4.3)	Module session climate change, management and integration (Modules 5/6)	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Data management (WP2.1 + WP data managers)	Ad-hoc meetings
coffee 1	10:30	10:50												
morning 2	10:50	12:50	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Module session lake and marine assessment (Modules 3/4)	Ad-hoc meetings	Module session climate change, management and integration (Modules 5/6)	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Data management (WP2.1 + WP data managers)	Ad-hoc meetings
lunch	12:50	14:00												
afternoon 1	14:00	16:00	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Advisory Board + Steering Group meeting	Trip to Warsaw
	16:00	20:00	Social programme											
afternoon 2	16:20	18:30	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Trip to Warsaw	Advisory Board (only) consultation meeting, followed by final discussion with Steering Group	Trip to Warsaw
dinner	20:00		Social Dinner Warsaw											

Thursday 9 Sep

session	start	end	Room AB (200p)	Room C (50p)	Room D (50p)	Room E (90p)	Room F (60p)	Room G (40p)	Room H (20p)	Room K (20p)	Room 140 (20p)	Room 141 (20p)	Room 142 (50p)	Room 20 (20p)
morning 1	8:30	10:30	Uncertainty workshop plenary	x	x	x	x	x	x	x	x	x	x	x
coffee 1	10:30	10:50												
morning 2	10:50	12:50	Ad-hoc meetings	Uncertainty sessions lake macrophytes (WP3.2), marine angiosperms and macroalgae (WP4.2)	Uncertainty sessions lake fish (WP3.4), marine fish (WP4.4)	Uncertainty sessions lake phytoplankton (WP3.1), marine phytoplankton (WP4.1)	Uncertainty sessions lake benthic invertebrates (WP3.3), marine benthic invertebrates (WP4.3)	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings
lunch	12:50	14:00												
afternoon 1	14:00	16:00	Lake assessment summary meeting (Module 3)	Comparison and integration summary meeting (Module 6)	Climate change and management summary meeting (Module 5)	Marine assessment summary meeting (Module 4)	Data and guidelines (Module 2)	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings	Ad-hoc meetings
coffee 2	16:00	16:20												
afternoon 2	16:20	18:30	Closing plenary	x	x	x	x	x	x	x	x	x	x	x
dinner	19:30													

Friday 10 Sep

session	start	end	Room AB (200p)	Room C (50p)	Room D (50p)	Room E (90p)	Room F (60p)	Room G (40p)	Room H (20p)	Room K (20p)	Room 140 (20p)	Room 141 (20p)	Room 142 (50p)	Room 20 (20p)
morning 1	8:30	10:30	x	x	x	x	x	x	x	x	x	x		x
coffee 1	10:30	10:50											Steering Group meeting	
morning 2	10:50	12:50	x	x	x	x	x	x	x	x	x	x		x
lunch	12:50	14:00												



Annex 4: List of meeting attendees (see separate Excel file).

Note: Please check for correctness and completeness of your data and provide us with updates at your earliest convenience to ensure proper airport shuttle service.