

Assessing Biodiversity Status Under Pressure: towards an Ecosystem Resilience approach

“S.U.P.E.R. COBAM workshop”

Dates: from 18th (9:30 am) to 20th (finishing around 5:30 pm) of June 2019

Location: Paris (France), [Muséum National d’Histoire Naturelle \(MNHN\)](#)

Agenda and rooms’ map

Monday 17th:

Expert groups meetings (See dedicated agenda and MNHN rooms’ map):

- Marine mammals (all day): Room “Baleine 2” (9:30 – 18:00)
- Food webs (all day): Room “Claude Hélène” (9:30-18:00)
- Benthic habitat (afternoon): Room “Petit Entomo” (9:30 – 17:30)
- Pelagic habitat (afternoon): Room “Baleine 3” (13:30 – 18:00)

Tuesday 18th, 9:30 – 17:30:

Plenary room “Petit Entomo” (See MNHN rooms’ map) – Chair – Abigail

9:30 Plenary: Introduction, structure of the week, objectives - *Abigail* (Short presentation with objectives and plan for the week), Laurent (housekeeping)

9:45 QSR draft deadline 2021: Overview of OSPAR expectations, works requirements and timeline (progress and outcomes of recent relevant committees)

- Overview of objectives and timetable for QSR - *Lena Avellan and COBAM co-convenor*
- Overview of groups to deliver QSR - Five mins presentations from Pelagic, Benthic, FW, and NIS on multi-year work plans and current/required resources to deliver QSR/priorities and gaps. Please refer to the workplan discussed in Madrid - *Expert groups leads*

11:00 *Coffee/tea break*

11:15 QSR draft deadline 2021: Continued-

Discussion and structuration of potential contributions, by specific or joint works of each expert group, to each part/chapter (indicators development and assessment, thematic and other assessment/integration, links between indicators and biodiversity component, links with pressure/activities, data flow, monitoring, etc.) - Presentation outlining ideas, themes and to encourage discussions. Discuss later during sessions - *Chris & Ian*

Expected outcome: First inputs for document/report structure, recommendations and scenario (depending of timeline and resources) from biodiversity experts for possible contributions (and anticipated gaps!) to draft QSR 2021. These inputs will have to be progressed with other outcome of this workshop, and finalised within workshop report, to be submitted and discussed at next COBAM (Nov. 2019) and BDC (early 2020).

12:30 *Lunch (See around MNHN foods’ map)*

14:00 State/Pressures/Activities and Data availability and requirements (links EIHA and ICG-C):

Discuss common themes and overlaps in delivery - What data types and format are required for the QSR and other work, and by when, what are the delivery mechanism to collate data (e.g. ICES data calls) or other methods to collect data for our own purposes. Presentation to aid plenary and subgroup discussions - *Cristina*

14:30 Sub-groups works(See MNHN rooms' map): Start in the respective expert groups for 30 mins and then going into plenary

Discussions: To refine inputs and links with pressure (including cumulative pressures) and data flows, and discuss overlaps and next steps in relation to the QSR discussions in the morning.

Group A: Room "Petit Entomo" (stay in plenary room, so extra-work time) - Benthic expert Group

Group B: Room "Baleine 2" – Pelagic expert group

Group C: Room "Baleine 3" – FW group

Group D: Room "Claude Hélène" - NIS

Expected outcome: "Mapping" of specific (indicator, ecosystem component) AND cross-cutting issue/needs for State/Pressure/Activities parameters, data requirements, methods used and (potential) data flow. Agree common requests for data calls or other methods

16:30 Coffee/tea break

Back to plenary room "Petit Entomo" (See MNHN room's map)

16:50 Plenary: State/Pressures/Activities and Data requirements: Sum up the day, introduction and objectives for tomorrow ... *Cristina*

18:00 Wine and cheese with a view on the Eiffel Tower and the Pantheon

Wednesday 19th, 9:30 – 18:00:

Plenary room "Grand Entomo" (See MNHN rooms' map) – Chair Laurent -

9:30 Plenary: Quick remind of the previous day, introduction to the day, objectives ... *Laurent*

9:45 Food webs: Case study selection, indicators, dataset overview, way forward ... *Ulrike (short presentation of outcomes form previous day and to guide discussions on case studies, and next steps)*

Expected outcome: More inputs for document/report structure, recommendations and scenario (depending of timeline and resources) from biodiversity experts for possible contributions on this topic. Keep in mind importance of food webs as a "natural" bridge between ecosystem component assessment methods.

10:45 Coffee/tea break

11:00 Integration and approaches to set thresholds: Scientific approaches (e.g. EcApRHA) vs policy approaches (e.g. WFD, MSFD, ICES WK, FFHD), presentations on methods in use (e.g. Birds integration, Greenstreet *et al*, DEVOTES, etc.)- Short 5-10 mins presentations by *Laurent, Ian* and *Chris* (any others ?)

Integration: Discussion around how integration will work within and across ecosystem components, identify links between indicators (conceptual model), state of art and compatibilities of current baselines/thresholds at indicator level, etc.

Expected outcome: More inputs for document/report structure, recommendations and scenario (depending of timeline and resources) from biodiversity experts for possible contributions on this topic. Keep in mind add-on value of more integrated assessment for “thematic assessment” or “other assessment” of draft QSR 2021.

12:00 Food webs and Integration: Preparation and presentation in plenary of sub-groups today’s works and expected outcomes ... *Ulrike/Chris/Laurent*

12:30 *Lunch (See around MNHN foods’ map)*

14:00 **Sub-groups works** (See MNHN rooms’ map): *To refine inputs on assessment methods and integration. Topics: FWs, integration, and methods for thresholds.* Each group will have a mixture of members from each expert group

Group A: Room “Grand Entomo” – FW discussions

Group B: Room “Petit Entomo” – integration

Group C: Room “Baleine 2”- methods for thresholds

Group D: Room “Baleine 3” - ???

16:00 *Coffee/tea break*

16:15 **Sub-groups works** (continue) (See MNHN rooms’ map) *Go back to our Expert groups and feedback discussions form each of the topics, propose way forward to discuss at plenary*

Group A: Room “Grand Entomo” Benthic expert group

Group B: “Petit Entomo” Pelagic group

Group C: “Baleine 2” FW group

Group D: Room “Baleine 3” NIS and friends

Expected outcomes: Possibilities/gaps/recommendation on cross-cutting/more integrated methods to be developed; add-on value for draft QSR 2021 and MSFD primary/secondary criteria.

17:15 *Way back to plenary*

Back to plenary room “Grand Entomo” (See MNHN rooms’ map)

17:30 **Plenary**: Sum up the day, introduction and objectives for tomorrow ... *Laurent*

18:00 *Wine and more cheese*

Thursday 20th, 9:30 – 17:30:

Plenary room “Grand Entomo” (See MNHN rooms’ map) Chairs – Chris/Anita

9:15 **Plenary**: Sum up/remind of the previous day, introduction to the day, objectives ... *Chris/Anita*

9:30 Coordinated/joint monitoring: What did we learned/progressed from previous sessions for monitoring? Indicator, ecosystem component, more (even partially) integrated? Bio/geographical scales versus assessment area? At which level should/could we coordinate - *Paul/Laurent*

Expected outcome: More inputs for document/report structure, recommendations and scenario (depending of timeline and resources) from biodiversity experts for possible contributions on this topic. Keep in mind add-on value of more integrated assessment for “thematic assessment” or “other assessment” of draft QSR 2021.

10:15 Coffee/tea break

10:30 Sub-groups works (See MNHN rooms’ map): *To refine inputs on monitoring and links with pressure (including cumulative pressures), data flows and food webs/integration – Bring everything together and how it will work in practice*

Food web – Pelagic: Room “Grand Entomo”

Benthic –NIS: Room “Petit Entomo”

11:10 Sub-groups works (continue) (See MNHN rooms’ map)

Food web - NIS: Room “Grand Entomo”

Benthic – Pelagic: Room “Petit Entomo”

11:50 Sub-groups works (continue) (See MNHN rooms’ map)

Food web - Benthic: Room “Grand Entomo”

NIS – Pelagic: Room “Petit Entomo”

12:30 Lunch (See around MNHN foods’ map)

14:00 Synergies with other groups (ICGs OSPAR, other Regional Sea Conventions, Conservation of Arctic Flora and Fauna, ICES, JRC, TG Seabed, etc.): What is the current scientific network and should/could we improve it? Pragmatic and practical way to progress/add-on value on cross-cutting issues? – *Cristina/Ian*

Expected outcome: “Mapping” and description (who, frequency) of links with other groups to further progress specific (indicator, ecosystem component) AND cross-cutting issue/needs.

15: 00 Conclusions: Sum up, remaining gaps and next steps (reporting process, next meetings, etc.)- *Abigail*

16:00 Close for more wine and cheese

16:15 Subgroup lead chat

Friday 21th:

Expert group meetings (See dedicated agenda and MNHN rooms’ map):

- Benthic habitat (morning): Room “Petit Entom” (9:30 – 13:30)
- Pelagic habitat (all day):Room “Baleine 3” (9:30 – 17:30)
- NIS (morning): Room “Grand Entomo” (9:30 – 13:00)

Each group will welcome any other Super-COBAM expert who would like to attend!

