

## SOBRA SUBGROUP – CONCEPTUAL SITE MODEL & STATISTICS

### TERMS OF REFERENCE (SEPTEMBER 2022)

#### Membership

Rachel Dewhurst (SoBRA Committee Sponsor)	(Stantec)
Hannah White (Lead)	(National Grid)
Barry Mitcheson	(Wood)
Jonathan Welch	(Aecom)
Kate Baker	(Delta Simons)
Rob Gordon	(Stantec)
Tom Parker	(Argentum Fox)

*Note: Membership of the subgroup will be under regular review, with places allocated to those who actively contribute, i.e. fulfil their work remit in the timescales agreed with the subgroup Lead, in liaison with SoBRA's Executive Committee.*

*The SoBRA Executive Committee, in liaison with the subgroup Lead, reserve the right to remove Members of the subgroup.*

*Only members of the subgroup who have actively contributed will be credited within any publications.*

#### Privacy Statement

At SoBRA, we are committed to protecting and respecting privacy. SoBRA retains a Privacy policy that can be found at <https://sobra.org.uk/about-us/>. As members of this subgroup you are agreeing to the terms of this Privacy policy in full. Throughout this project subgroup members are also agreeing to share their email and contact details with the other members of this group. Personal data should not however be disclosed to unauthorised people, either within SoBRA or externally without approval.

#### General Aims

The purpose of the CSM & Stats sub-group will be to

- To support technical excellence in the assessment, estimation & evaluation of land;
- To encourage best practice by delivering practical advice to support decisions;
- To develop guidance in a timely manner; and
- To periodically represent SoBRA at conference in respect to the sharing of learning outcomes.

The above are considered to align with the SoBRA core objectives:

- To support technical excellence in the assessment, estimation & evaluation of risks and associated uncertainties from land affected by contaminants.

- To encourage “good practice” in the practical applications of risk assessment to support decisions regarding the appropriate management of land contamination.
- To facilitate and widen access to the dissemination of knowledge regarding land contamination risk assessment.

### Resource Expectations

This is a sprint project. It is anticipated that this project can complete within three months. Resource expectations will vary but through design, is anticipated that this will require input of 2 days per person.

### Details of the Initiative

The CL:AIRE “*Guidance on applying statistics to land contamination decision-making*” publication (September 2020) emphasised the importance understanding the Conceptual Site Model (CSM). To support the risk assessment community in understanding what this might mean in terms of soil chemistry / chemicals, SoBRA proposed to develop and publish a discussion paper outlining key considerations and steps an assessor should consider when developing a CSM which can provide a good foundation for further/future data analysis.

Hannah White has agreed to take this leadership of this sub-group. The group will be sponsored by Rachel Dewhurst on behalf of the SoBRA Executive committee.

The objective of the group is:

- to provide a good practice guide regarding how the conceptual model and soil contamination data interface with each other. The intention is that assessors could use the guide each/every time they assess data and develop/refine conceptual model(s), and may include some other approaches that might be useful to consider given particular circumstances.

The good practice guide hopes to include some demonstrations/examples (case studies) showing how simple data analysis can be a useful additional tool for a risk assessor when interpreting chemical concentration data for soils.

### Suggested Deliverables

0: In progress, 1: On Target, 2: Progress made but behind target, 3 No progress

Action	Key Measures	Priority	Target Date	Current Status
Conference Calls	Key actions and completion dates circulated with project team	High	Throughout project	
Document/Deliverable	Main body of the document	High	December 2022	
Document/Deliverable	Case Studies / Examples	High	December 2022	

### **Proposed Method(s) of Working:**

Propose for actions to be assigned on a conference call, to be completed in the month ahead of the next conference call.

### **Anticipated Timescales and Outputs**

1. One document, to be completed in 2022.

### **Liaison with Executive Committee**

1. Liaison with Executive Committee via Rachel Dewhurst
2. Final report draft to be submitted to the Exec Committee for approval
3. Progress report to be delivered at SoBRA AGM

### **Data Storage**

The subgroup is to maintain its own secure repository for the sharing of data (e.g. a Dropbox account). The Sponsor will annually transfer its contents to the SoBRA Dropbox that acts as a central repository of all Society-related efforts and communications.

By reminder, everyone who works for or volunteers with SoBRA has some responsibility for ensuring personal data is collected, stored and handled appropriately. Each member that handles personal data must ensure that it is handled and processed in line with this policy and data protection principles. When data is stored electronically, it must be protected from unauthorised access, accidental deletion and malicious hacking attempts as per the requirements of our privacy policy.