The 12th SanCoP meeting will ask how better planning and risk assessment can help the sanitation sector minimise sanitation system failures and their associated impacts on environmental health. Recent action research has sought to promote the idea of risk-based planning for sanitation systems, for example through sanitation safety plans. The workshop will highlight methodologies available for sanitation safety planning, risk assessment, and other approaches to help reduce failure in sanitation systems, and look at how approaches can be adapted to different projects and contexts.

This event builds on the discussions about how the sanitation sector can learn from failure at the last SanCoP workshop. Although some failures can help us adapt and innovate, other failures can and should be avoided - this meeting discusses how.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10.00 - 10.30</td>
<td>Registration and Coffee</td>
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<tr>
<td>10.30 - 10.40</td>
<td>Welcome and introductions (Jonathan Parkinson, IWA)</td>
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<tr>
<td>10.40 – 10.55</td>
<td>Review from last SanCoP: “Learning from Failure”</td>
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<td>After the discussions on Learning from Failure at the last SanCoP workshop, a number of SanCoP members co-wrote an article inspired by the session. Stephen Jones (Royal Holloway, University of London) will present the outputs.</td>
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<tr>
<td>10.55 - 12.15</td>
<td>Part 1 – Setting the scene: Assessing Risk in Sanitation Planning, based on a case study in Maputo, Mozambique</td>
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<td></td>
<td>Philippa Ross (UCL, Atkins) and Luiza Campos (UCL) will present on a methodology for assessing risks for sanitation safety planning in urban and peri-urban areas, currently being rolled-out in Maputo, followed by group discussions.</td>
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<tr>
<td>12.15 - 13.15</td>
<td>Lunch</td>
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<td>13.15 – 14.30</td>
<td>Part 2 – Case Studies: Dealing with Risk in Sanitation</td>
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<td>Three case studies will present alternative methodologies for assessing risk of sanitation failure in a range of environments.</td>
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<td></td>
<td>• Avoiding future WASH failures with climate risk management tools: An assessment of current practice and case studies from rural Ethiopia and urban Philippines (Julian Doczi, ODI)</td>
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<td>• A risk assessment of water and sanitation systems in Asuncion, Paraguay, with a risk comparison of centralised and decentralised water treatment methods (Lisa Kowalczyk, University of Leeds)</td>
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<td>• Simplified Sewerage Systems: Modelling for design optimisation and the assessment of risk (Michael Gormley, Heriott-Watt University)</td>
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<tr>
<td>14.30 - 15.00</td>
<td>Coffee</td>
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<tr>
<td>15.00 - 16.30</td>
<td>Part 3 – “Selecting the most applicable sanitation technology to avoid failure”</td>
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<td>WASHTech, an action-research project, is developing and testing processes and tools to perform context-specific validations of potential WASH technologies. Alison Parker (University of Cranfield) and Joanne Beale (WaterAid) will present the WASHTech’s Technology Applicability Framework, which aims to help users select appropriate sanitation technologies to decrease the risk of systems failure.</td>
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<tr>
<td>16.30 – 17.00</td>
<td>Reflections and wrap-up, followed by drinks in nearby bar</td>
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## Attendees

<table>
<thead>
<tr>
<th>First Name</th>
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<tbody>
<tr>
<td>Abimbola</td>
<td>Odumosu</td>
<td>Independent WASH Consultant</td>
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<tr>
<td>Alex</td>
<td>Evans</td>
<td>WEDC</td>
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<tr>
<td>Alice</td>
<td>Sutcliffe</td>
<td>Cranfield University</td>
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<tr>
<td>Alison</td>
<td>Parker</td>
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<td>Andy</td>
<td>Cotton</td>
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<tr>
<td>Angus</td>
<td>McBribe</td>
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<td>Kirley</td>
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<td>Camille</td>
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<td>Christopher</td>
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<tr>
<td>Colin</td>
<td>McCubbin</td>
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<tr>
<td>James</td>
<td>Roberston</td>
<td>Plan UK</td>
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<tr>
<td>Joanne</td>
<td>Beale</td>
<td>WaterAid</td>
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<tr>
<td>Joel</td>
<td>Meadows</td>
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<tr>
<td>Jonathan</td>
<td>Parkinson</td>
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<tr>
<td>Julian</td>
<td>Doczi</td>
<td>Overseas Development Institute</td>
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<td>Julien</td>
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<tr>
<td>Kevin</td>
<td>Tayler</td>
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<td>Kiran</td>
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<tr>
<td>Lisa</td>
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<tr>
<td>Luiza</td>
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<tr>
<td>Philippa</td>
<td>Ross</td>
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<td>Pippa</td>
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<td>Zakiyah</td>
<td>Abubakari</td>
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