

# Temporary Rivers & Streams Meeting



Tuesday 22 June 2021

Online live via Teams. Click [here to join the meeting](#) (full link is [below](#))

**0900 BRITISH SUMMER TIME. Meeting opens – [join us](#).**

0920 Welcome to the meeting – Judy England

CHAIR Rachel Stubbington

## Session 1: Experiences from Down Under... and beyond

0930 **Jon Marshall** (Queensland Government, Australia)

Sustainable management of water resources in Queensland's temporary rivers

1000 **Alisha Steward** (Queensland Government, Australia)

Monitoring the condition of Queensland's temporary rivers with beetles and spiders

1015 **Margaret Shanfield** (Flinders University, Australia)

Mechanisms of streamflow generation in Australian river networks

1030 **María Mar Sánchez-Montoya** (University of Murcia, Spain)

Biomonitoring using terrestrial invertebrate communities in dry Mediterranean streams

1045 **Chloe Hayes** (Nottingham Trent University, UK)

Biomonitoring using terrestrial invertebrate communities in dry chalk streams

1100 **Poster pitches (up to 5 minutes each)**

**Rick Assendelft** (University of Zurich, Switzerland)

Quantifying temporary streams dynamics with high spatiotemporal resolution data

**Najibullah Sadid**

Flow regime and intermittency change in the mountainous Kabul River basin

**Soumaya Nabih** (Fez, Morocco)

Climate change alteration to the ecohydrological status of an intermittent Greek River

1115 **Discussion / break**

## Session 2: Science and management: European perspectives

1140 **Toni Munné** (Catalan Water Agency, Barcelona)

Meeting the challenge of temporary river management in the Catalan River Basin

1200 **Dom Longley** (Environment Agency, UK)

Insights from annual fish monitoring in New Forest temporary streams

1220 **Mélanie Milin** (University of Huddersfield, UK)

Spatial and temporal responses of the 'DEHLI' index across UK river types

1235 **Kieran Gething** (Nottingham Trent University, UK)

Aquatic invertebrate community responses to agricultural impacts in chalk streams

1250 **Craig Macadam** (Buglife, UK)

Is England a global hotspot of temporary stream specialist species?

1305 **Tim Sykes** (Southampton University, UK)

Owner values of chalk stream winterbournes

1320 **Break**

1330 [Join a separate Teams meeting for a smaller-group discussion:](#)

**Meeting the challenges of temporary river management. Click [here](#) or [below](#)**

Hosts: **Judy England, Toni Munné**

**Hydrological measurement of temporary flow regimes. Click [here](#) or [below](#)**

Hosts: **Cath Sefton, Margaret Shanafield**

**How can we assess ecological status during dry phases? Click [here](#) or [below](#)**

Hosts: **Chloe Hayes, Raphael Mazor**

**Temporary rivers and people. Click [here](#) or [below](#)**

Hosts: **Tim Sykes**

1400 **Break**

## Session 3: Project updates... and heading west

1415 **Thibault Datry** (INRAE Research Institute, France)

Securing the biodiversity functional integrity of drying rivers: the DRYvER project

1445 **Maggie Shelton** (Hampshire & Isle of Wight Wildlife Trust, UK)

The Watercress and Winterbournes Landscape Partnership Scheme

1500 **Cath Sefton** (Centre for Ecology & Hydrology, UK)

Assessing statistical models of temporary river intermittence: ASTRID project update

1515 **Adam Price** (University of California, Santa Cruz)

The drying regimes of non-perennial rivers and streams

1530 **Dan Allen** (University of Oklahoma)

Spatial patterns of temporal change in non-perennial flow regimes across the US

1545 **Raphael Mazor** (S. California Coastal Water Research Project) &

**Chad Loflen** (California Environmental Protection Agency)

A multi-method biomonitoring program for California's variable non-perennial streams

1615 **Discussion**

**CHAIR** **Richard Chadd** (Environment Agency)

1645 **Close**

## Organizer contact details

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## Full links

### Main meeting

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_ZThIMmU0ZDYtM2YxOS00NDA4LThhZmEtYTc3MDc2NGY4ZTQw%40thread.v2/0?context=%7b%22Tid%22%3a%228acbc2c5-c8ed-42c7-8169-ba438a0dbe2f%22%2c%22Oid%22%3a%22fbb98243-469e-4580-8a27-ae9979c7c7d1%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZThIMmU0ZDYtM2YxOS00NDA4LThhZmEtYTc3MDc2NGY4ZTQw%40thread.v2/0?context=%7b%22Tid%22%3a%228acbc2c5-c8ed-42c7-8169-ba438a0dbe2f%22%2c%22Oid%22%3a%22fbb98243-469e-4580-8a27-ae9979c7c7d1%22%7d)

### Meeting the challenges of temporary river management.

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_ZWNmZDNIYTgtMmNmNC00MDRiLTg5NGItZDIjMjZiYzFINDI3%40thead.v2/0?context=%7b%22Tid%22%3a%228acbc2c5-c8ed-42c7-8169-ba438a0dbe2f%22%2c%22Oid%22%3a%22fbb98243-469e-4580-8a27-ae9979c7c7d1%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZWNmZDNIYTgtMmNmNC00MDRiLTg5NGItZDIjMjZiYzFINDI3%40thead.v2/0?context=%7b%22Tid%22%3a%228acbc2c5-c8ed-42c7-8169-ba438a0dbe2f%22%2c%22Oid%22%3a%22fbb98243-469e-4580-8a27-ae9979c7c7d1%22%7d)

### Hydrological measurement of temporary flow regimes.

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_NTM3NmIhOTctY2U1Ny00YWJILWFhMTEtN2QxNTViMGlxYjBh%40thead.v2/0?context=%7b%22Tid%22%3a%228acbc2c5-c8ed-42c7-8169-](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NTM3NmIhOTctY2U1Ny00YWJILWFhMTEtN2QxNTViMGlxYjBh%40thead.v2/0?context=%7b%22Tid%22%3a%228acbc2c5-c8ed-42c7-8169-)

[ba438a0dbe2f%22%2c%22Oid%22%3a%22fbb98243-469e-4580-8a27-ae9979c7c7d1%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_OWEzYjk5MmUtZTBIZS00ODIILWI1ZDItMGUwYzQ4N2RhYzFj%40thead.v2/0?context=%7b%22Tid%22%3a%228acbc2c5-c8ed-42c7-8169-ba438a0dbe2f%22%2c%22Oid%22%3a%22fbb98243-469e-4580-8a27-ae9979c7c7d1%22%7d)

### **How can we assess ecological status during dry phases?**

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_OWEzYjk5MmUtZTBIZS00ODIILWI1ZDItMGUwYzQ4N2RhYzFj%40thead.v2/0?context=%7b%22Tid%22%3a%228acbc2c5-c8ed-42c7-8169-ba438a0dbe2f%22%2c%22Oid%22%3a%22fbb98243-469e-4580-8a27-ae9979c7c7d1%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_OWEzYjk5MmUtZTBIZS00ODIILWI1ZDItMGUwYzQ4N2RhYzFj%40thead.v2/0?context=%7b%22Tid%22%3a%228acbc2c5-c8ed-42c7-8169-ba438a0dbe2f%22%2c%22Oid%22%3a%22fbb98243-469e-4580-8a27-ae9979c7c7d1%22%7d)

### **Temporary rivers and people.**

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_NDA4OTY1OTMtOGY4NS00YjAzLTk3NTMtY2VkMzhiYzczZTFI%40thead.v2/0?context=%7b%22Tid%22%3a%228acbc2c5-c8ed-42c7-8169-ba438a0dbe2f%22%2c%22Oid%22%3a%22fbb98243-469e-4580-8a27-ae9979c7c7d1%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDA4OTY1OTMtOGY4NS00YjAzLTk3NTMtY2VkMzhiYzczZTFI%40thead.v2/0?context=%7b%22Tid%22%3a%228acbc2c5-c8ed-42c7-8169-ba438a0dbe2f%22%2c%22Oid%22%3a%22fbb98243-469e-4580-8a27-ae9979c7c7d1%22%7d)