**Yorkshire iCASP Project Criteria**

*iCASP Background*

*The Yorkshire Integrated Catchment Solutions Programme (iCASP) supports partnerships between regional organisations and researchers to use environmental science to manage flood and drought risk in the context of climate change, improve water quality, and enhance the carbon storage, productivity and resilience of the region’s soils and woodlands, through joined-up approaches to land and water management in the River Ouse basin. This is expected to generate more than £50 million of benefits for the region from influencing investments, identifying cost savings, and creating new products and jobs.*

*iCASP resource availability*

iCASP will achieve the above through projects. iCASP will support projects by mainly paying for staff time rather than paying for capital works.

Over the 5-year programme iCASP’s has a total of:

* 25 years’ worth of Impact Translation Fellow time to deliver iCASP projects;
* 4 years’ worth of academics’ time;
* Programme Team including Impact Evaluator, Impact Officer, Communications Officer, Administrator to support projects on monitoring and evaluation, designing projects to have impact, communicating science and project results, organising meetings, respectively;
* £75,000 contribution towards secondment overheads, either of researchers to partner organisations or vice versa;
* £100,000 for travel and subsistence to attend meetings;
* £120,000 for running workshops/meetings/events;
* £140,000 for consumables (printing, film making, etc.);
* In-kind contributions of time and data from iCASP partners;
* Access to the iCASP Confluence (annual event to bring together organisations working on integrated catchment solutions across Yorkshire to share lessons learnt, successes, challenges and opportunities).

*Criteria that iCASP projects must meet:*

* Concerns land and water management that delivers multiple benefits for multiple users in the River Ouse drainage basin;
* Co-designed between both researchers and non-academic partners;
* Involve at least one iCASP university partner and at least one iCASP Springboard Partner (see appendix 1);
* Demonstrate clear catchment need;
* Contribute to delivering at least one of the iCASP Impact Key Success Measures (see Figure 1 of below form).
* By using:
	+ Existing research that has largely been NERC-funded in the past (including NERC-funded PhD studentships), but can also include other non-NERC funded elements (including social sciences research), which could help environmental sciences to have impact in integrated catchment management that contributes to the iCASP Programme Impact Key Success Measures;
* By conducting projects that:
	+ Translate **existing** data, knowledge and/or expertise into tools, solutions and approaches that meet user needs, and/or;
	+ Develop decision-support tools incorporating data, knowledge and know-how, and/or;
	+ Synthesise, merge and manipulate models to address specific challenges, needs or opportunities, and/or;
	+ Embed new knowledge in user organisations to enhance uptake and deliver improvements, e.g. in process, service provision, via means of people and knowledge exchange, and/or;
	+ Advance academic outputs towards exploitation for likely economic return.

In addition, projects that contribute towards integrated catchment solutions by working across the iCASP Workstreams (see appendix 1, and contact the Workstream Leads in appendix 1 for advice) will be favoured.

**Yorkshire iCASP Project Proposal – Stage 1: Expression of Interest Form**

*iCASP project proposals go through a two-stage process:****Stage 1*** *is a brief outline of the project which is then reviewed by a group of academics.* ***Stage 2*** *expands on the same information in Stage 1 and is reviewed by the iCASP Governance Group which is comprised of individuals from a range of non-academic partners (NGOs, Local Authorities, statutory authorities, industry, etc.)
Successful stage 1 proposals will be invited to submit to stage 2. Stage 2 proposals will need to be prepared within one month.*

*To complete this form contact the iCASP Impact Officer for advice* *Finn.Barlow-Duncan@leeds.ac.uk*

*Workstream Leads (see appendix 1) can also provide advice.*

*This form must be completed in single-spaced typescript of minimum font size 11 with margins of at least 2cm. Do not exceed 6 pages (the above criteria, the appendix and the guidance throughout this template can be deleted, the headings should remain).*

*Review the below list of iCASP Key Success Measures when formulating the project idea.* ***It is expected that iCASP projects will have impact that contributes to these measures. Please note it is not necessary for iCASP projects to contribute to all measures, focusing on the main impacts of a project is encouraged.***

**iCASP Key Success Measures**

**1.1** - Economic benefits (realised and potential) to the region *(e.g. avoided costs, additional funding etc.)*
**1.2** - Research funds leveraged
**1.3** - Job opportunities created
**1.4** - Value of catchment solutions influenced
**1.5** - Influence on business cases development and investment plans

**2.1** - Science-use regional network connections
**2.2** - Size of the iCASP partnership
**2.3** - Project partnership legacy *(partnerships established by iCASP that last beyond 2022)*
**2.4** - Number of secondments
**2.5** - Communication geographical reach *(up-scaling and spatial out-scaling)*
**2.6** - Dissemination of project outputs by organisations other than University of Leeds, Sheffield or York

**3.1** - Project contribution towards policy influence / number of briefings/advisory roles
**3.2** - National or regional policies informed by project
**3.3** - iCASP on national/regional boards/committees
**3.4** - Growth in political engagement

**4.1** - Use of outputs/products from project
**4.2** - Exporting expertise *(national/international work instigated by iCASP)*
**4.3** - Non-economic societal benefits (realised and potential) to the region
**4.4** - Capacity building *(individuals /organisations who are better equipped to meet their organisational needs as a result of the project)*
**4.5** - On-the-ground interventions *(Projects influence on number and scale of installed interventions)*

*Figure 1. iCASP Key Success Measures*

* 1. **Project title:**

*This should be short and easily understandable*

* 1. **Name and affiliation of applicants**

Academic(s) and affiliation(s):

Possible Partner(s) and affiliation(s):

* 1. **Indication of iCASP Workstream focus (nominal %)** – *projects that contribute towards integrated catchment solutions by working across Workstreams will be favoured*

WS 1 (Climate Resilience) %

WS 2 (Drought and Flood Risk Mitigation) %

WS 3 (Flood Forecasting) %

WS 4 (Water Quality) %

WS 5 (Carbon Sequestration) %

WS 6 (Sustainable Agriculture) %

* 1. **Why is this project needed and needed now?**
	2. **What is the solution and how does the research-base help?** *See definition of ‘research-base’ in the Criteria above. Please summarise the NERC-funded research/expertise that will be built upon and the other research that will be used. Do not just provide a project reference code.*
	3. **Please list which policies/strategies the project relates to (if any):**

*e.g. Leeds City Region Green and Blue Infrastructure Strategy, post-Brexit reform of CAP, Local Plans, Catchment Flood Management Plans, Humber River Basin Strategy, Catchment Management Plans, Flood Alleviation Scheme, Yorkshire Flood and Coastal Committee strategies, UK Industrial Strategy, Local Enterprise Partnership Strategic Economic Plan etc.*

* 1. **Does this build on any previous iCASP projects? If so, please outline which project(s) and how the proposed project hopes to complement previous efforts.**
	2. **How does the project relate to iCASP’s Key Success Measures (table)?** *Please tick the* ***main*** *indicators relevant to the project and provide a brief statement outlining how the indicator will be influenced by the project. NOTE: An indicator should only be ticked if a pathway to influence and a method of measurement is likely to be clear by the time an iCASP stage 2 proposal is complete. These indicators can be adapted to suit the context of an iCASP project and additional impact indicators can be developed by iCASP projects.*

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| **Key Success Measure 1 – Value Creation** | **Generating £50 million of benefits for Yorkshire** |
| **Indicator** | **TICK** | **A description of how the project relates to the Indicator** |
| **Example** Value of catchment solutions influenced | [x]  | **Example**Project will inform the location of activities used in the Defra-funded NFM pilot projects (>£500k) |
| **1.1** - Economic benefits (realised and potential) to the region | [ ]  |  |
| **1.2 -** Research funds leverage (for research or implementation of catchment-based solutions) | [ ]  |  |
| **1.3** - Job opportunities created | [ ]  |  |
| **1.4** - Value of catchment solutions influenced | [ ]  |  |
| **1.5** - Influence on business cases development and investment plans | [ ]  |  |
| **Key Success Measure 2 – Science-user engagement** | **Creating a network of catchment management experts** |
| **Indicator** | **TICK** | **A description of how the project relates to the Indicator** |
| **Example** Dissemination of project outputs by organisations other than University of Leeds, Sheffield or York | [x]  | **Example**Guidance developed on NFM monitoring will be distributed through EA channels. |
| **2.1** - Science-use regional network connections |  [ ]  |  |
| **2.2** - Size of the iCASP partnership | [ ]  |  |
| **2.3** - Project partnership legacy | [ ]  |  |
| **2.4** - Number of secondments | [ ]  |  |
| **2.5** - Communication geographical reach *(up-scaling and spatial out-scaling)* | [ ]  |  |
| **2.6** - Dissemination of project outputs by organisations other than University of Leeds, Sheffield or York | [ ]  |  |
| **Key Success Measure 3 – Policy Formation and Implementation** | **Informing policies/strategies that relate to catchment management** |
| **Indicator** | **TICK** | **A description of how the project relates to the Indicator** |
| **Example** National or regional policies informed by project  | [x]  | **Example**The NFM guidance developed in this project will be used by the EA nationally to inform future NFM projects  |
| **3.1** - Project contribution towards policy influence / number of briefings/advisory roles | [ ]  |  |
| **3.2** - National or regional policies informed by project  | [ ]  |  |
| **3.3** - iCASP’s invited representation on national/regional boards/committees | [ ]  |  |
| **3.4** - Growth in political engagement | [ ]  |  |
| **Key Success Measure 4 – Practical Benefits** | **Producing materials that help environmental science to be used** |
| **Indicator** | **TICK** | **A description of how the project relates to the Indicator** |
| **Example** Use of outputs/products from project | [x]  | **Example**Guidance produced on when to use modelling for NFM project design will be incorporated into EA national NFM guidance. |
| **4.1** - Use of outputs/products from project | [ ]  |  |
| **4.2** - Exporting expertise *(national/international work instigated by iCASP)* | [ ]  |  |
| **4.3** - Realised and potential non-economic societal benefits to the region |  [ ]  |  |
| **4.4** - Capacity building | [ ]  |  |
| **4.5** - On-the-ground interventions | [ ]  |  |

* 1. **Resources required – considering the ‘iCASP resource availability’ section in the Criteria above, provide a brief description of the level of resources required.**

Stage 1 Appendices

**Appendix 1 – Key contacts**

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| **Springboard Partner Organisation** | **Partner Contact Name** | **Partner Contact E-mail** |
| Arup | Paul Simkins | paul.simkins@arup.com |
| Bradford Metropolitan Borough Council | Chris Eaton | chris.eaton@bradford.gov.uk  |
| City of York Council | Steve Wragg | Steve.Wragg@york.gov.uk  |
| Dales to Vales River Network | Charles Forman | charles.forman@yorkshiredalesriverstrust.com  |
| Environment Agency | Gail Hammond | gail.hammond@environment-agency.gov.uk  |
| IUCN UK Peatland Programme | Emma Goodyer | Emma.Goodyer@iucn.org.uk  |
| JBA Trust/JBA Consulting | Alexandra Scott / Rob Lamb | Alexandra.Scott@jbaconsulting.com / Rob.Lamb@jbatrust.com  |
| Leeds City Council | Jonathan Moxon | jonathan.moxon@leeds.gov.uk |
| Linking Environment and Farming | Caroline Drummond | caroline.drummond@leafuk.org  |
| Met Office (UK) | Adrian Hines | adrian.hines@metoffice.gov.uk  |
| Natural England | Robert Burnett | robert.burnett@naturalengland.org.uk  |
| NFU | James Copeland | james.copeland@nfu.org.uk  |
| Pennine Prospects | Robin Gray | robin.gray@pennineprospects.co.uk  |
| Yorkshire Water | Andrew Walker | andrew.c.walker@yorkshirewater.co.uk  |
| Yorkshire West Local Nature Partnership | Guy Thompson | guy.thompson@kirklees.gov.uk  |
| Yorkshire Wildlife Trust | Tim Thom | tim.thom@ywt.org.uk  |

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| **Workstream** | **Workstream Lead** | **Email** |
| Climate Resilience | Piers Forster | P.M.Forster@leeds.ac.uk |
| Drought and flood risk mitigation | Colin Brown (York) | colin.brown@york.ac.uk |
| Flood forecasting | Alan Blyth | A.M.Blyth@leeds.ac.uk |
| Water quality | Pippa Chapman | P.J.Chapman@leeds.ac.uk |
| Carbon storage | Andy Baird | A.J.Baird@leeds.ac.uk |
| Sustainable agriculture | Jonathan Leake (Sheffield) | j.r.leake@sheffield.ac.uk |