



mahalo project

<https://mahalo.ex.nii.ac.jp/>

Released on July 2021



Mahalo Button: Building the Network of Gratitude for Sharing the Dataset Usage

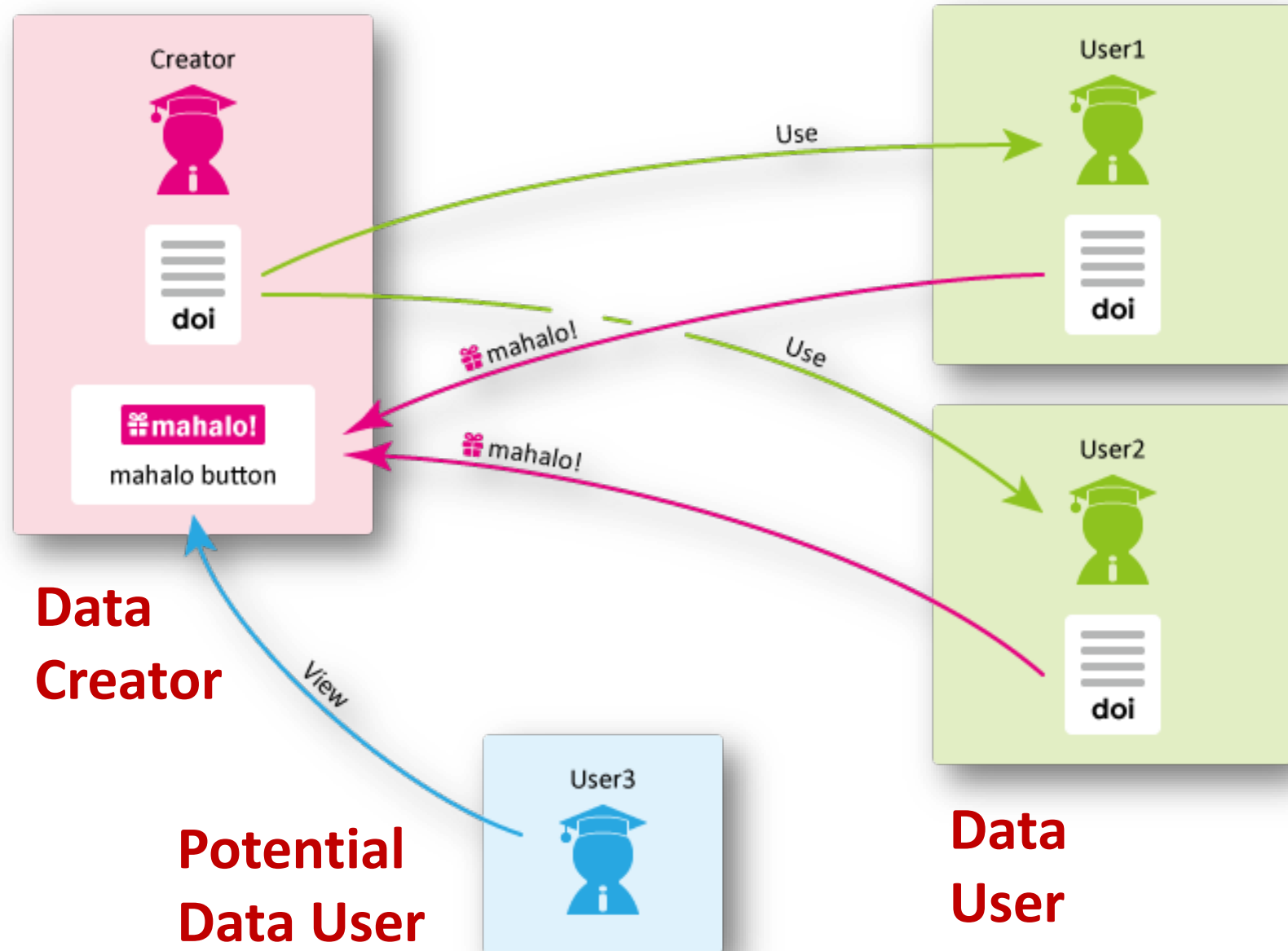
Asanobu Kitamoto - National Institute of Informatics (NII)

Yoko Nakahara and Hiroyuki Shimai - Kyoto University

Toshiyuki Shimizu - Kyushu University

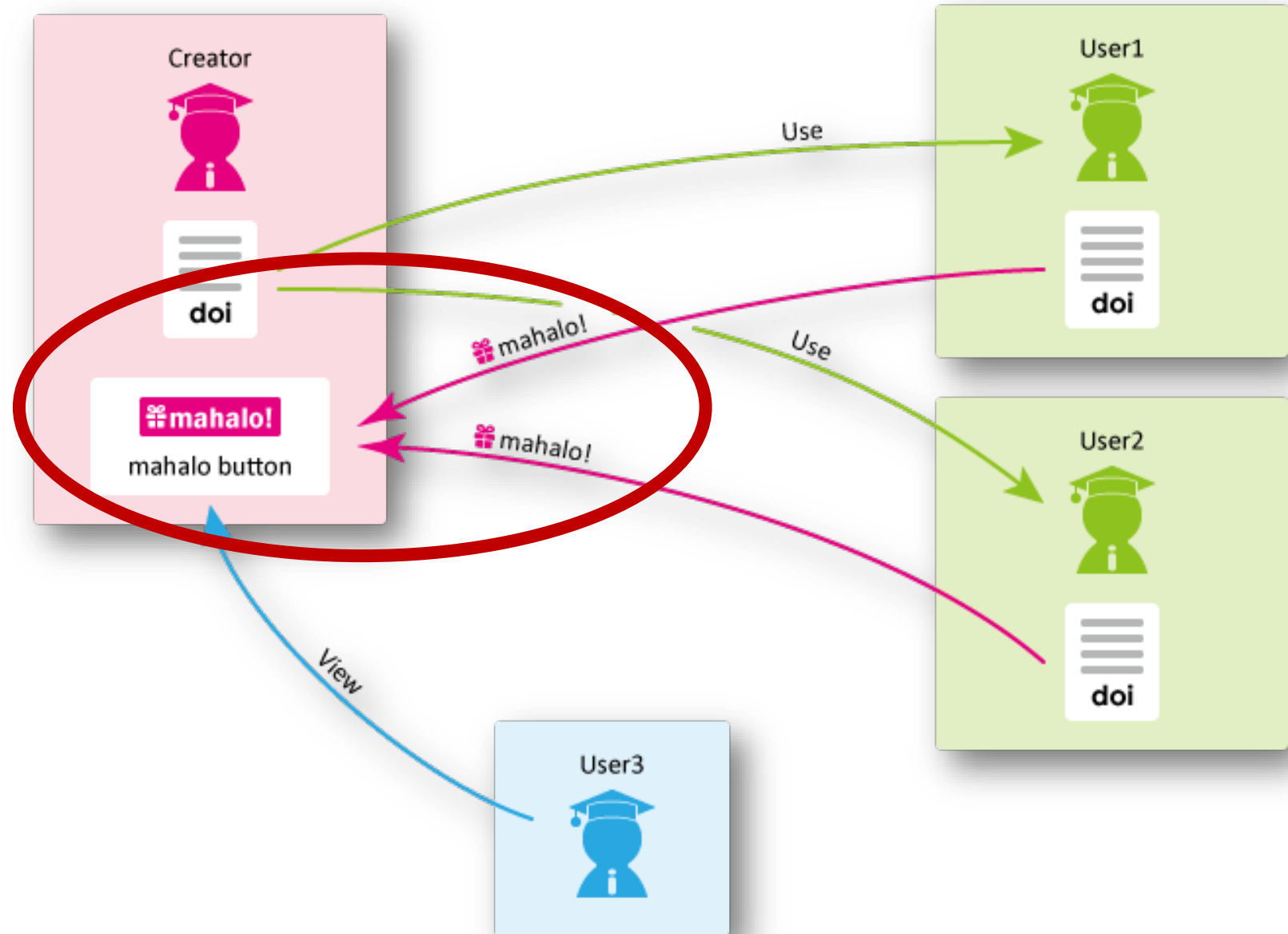
The Network of Gratitude

Mahalo is a Hawaiian word for ‘thank you,’ but it has a broader meaning such as admiration, praise, esteem, regards and respects (Mary Kawena Pukui et al., Hawaiian Dictionary, 1986).



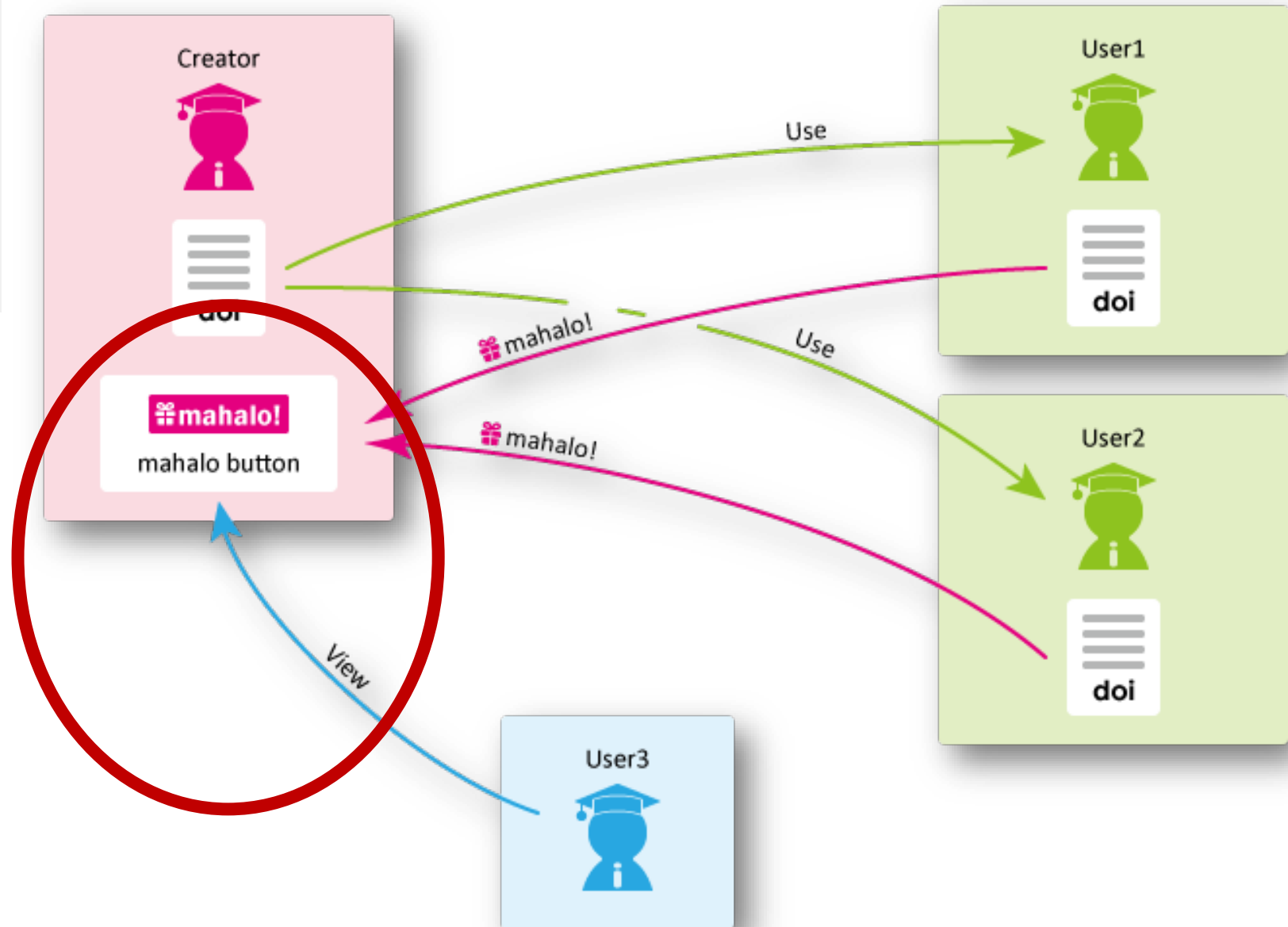
Pay-back Sharing 恩返し

Data users **say thank you** with a message and the **DOI** of research publications.



Pay-forward Sharing 恩送り

Potential data users can learn from papers and messages of **data users** and turn to **new data users**.



Mahalo Button

<https://mahalo.ex.nii.ac.jp/>



The Mahalo Button is activated on the landing page of the dataset to share dataset usage and give credit.

- 1. Data Creators:** Login to the Website, and generate a UUID and the snippet. Then paste the snippet to the landing page of the dataset to activate the button.
- 2. Data Users:** Give the DOI of research publications with a “Thank You Message” to data creators.
- 3. Potential data users:** Read case studies collected at the button to be inspired for their usage of the dataset.

Open Science - How to Reward Data Creators?

Data Citation

1. **Obligatory**: authors are required to include proper citation in their papers.
2. **Indirect**: users and creators have uni-directional relation.
3. **Heavy-weight**: globally collecting citation information requires a powerful platform.

Mahalo Button

1. **Voluntary**: we ask data users to say thank you to data creators by pushing the button.
2. **Direct**: users give messages directly to creators.
3. **Light-weight**: data usage can be collected on a relatively simple platform.

Introduction of Mahalo Button to DIAS

<https://diasjp.net/infomation/20211116/>

DIAS データ俯瞰・検索システム
Data Integration & Analysis System
データ統合・解析システム Dataset Search and Discovery

日本語

Home How to use About

Global Soil Wetness Project Phase 3 Atmospheric Boundary Conditions (Experiment 1)

HTML PDF XML

Citation for this dataset

Hyungjun Kim. (2017). *Global Soil Wetness Project Phase 3 Atmospheric Boundary Conditions (Experiment 1)* [Data set]. Data Integration and Analysis System (DIAS). <https://doi.org/10.20783/DIAS.501>

Select citation format:

Papers citing this dataset

mahalo! 49

mahalo

Dashboard Help

Show Mahalo

[Global Soil Wetness Project Phase 3 Atmospheric Boundary Conditions \(Experiment 1\)](#)

DOI: 10.20783/DIAS.501
URL: http://search.diasjp.net/html/element/GSWP3_OPL_Forcing
Created: 2021-10-08T11:54:09:00Z

[Give Mahalo](#)

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Latest Like

Given DOI: [10.3390/es11101169](https://doi.org/10.3390/es11101169)

Title: Revisiting Pseudo Invariant Calibration Sites (PICS) Over Sand Deserts for Vicarious Calibration of Optical Imagers at 20 km and 100 km Scales

Thank You Message: A paper using the DIAS dataset has been published. We thank the authors of the paper and the data providers.

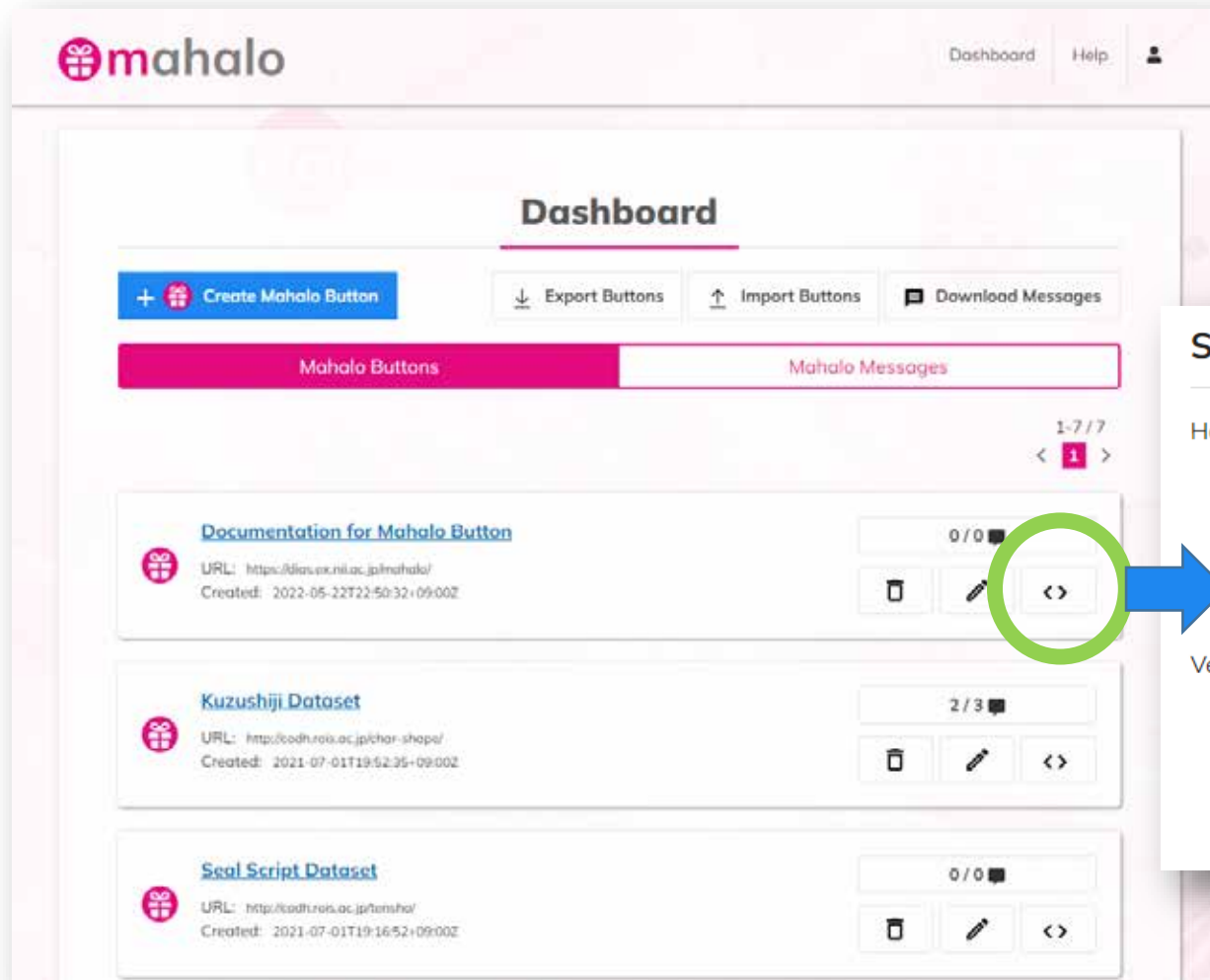
Name: DIAS Office dias-office@diasjp.net

Created: 2021-11-16T11:48:35+09:00Z

Given DOI: [10.1029/2020WR028787](https://doi.org/10.1029/2020WR028787)


Title: G-RUN ENSEMBLE: A Multi-Forcing Observation-Based Global Runoff Reanalysis

Data Creators – Paste the Mahalo Button




The screenshot shows the Mahalo dashboard with a 'Dashboard' header and navigation links for 'Dashboard' and 'Help'. Below the header, there are buttons for 'Create Mahalo Button', 'Export Buttons', 'Import Buttons', and 'Download Messages'. The main content area is divided into 'Mahalo Buttons' and 'Mahalo Messages' tabs. A list of Mahalo Buttons is displayed, including 'Documentation for Mahalo Button', 'Kuzushiji Dataset', and 'Seal Script Dataset'. Each entry has a URL, creation date, and a set of icons (trash, edit, and code). A green circle highlights the code icon in the 'Documentation for Mahalo Button' entry, with a blue arrow pointing to the code snippet on the right.

Snippet for the Mahalo Button

Horizontal style: copy these scripts and paste them into your HTML page. 

```
<div id="mahalo-btn" data-id="6de3e1f4-84a5-4ac6-a8b2-5b95d7154336" data-fqdn="https://mahalo.ex.nii.ac.jp" data-layout="normal"></div>
<script src="https://mahalo.ex.nii.ac.jp/js/mahalo_btn.js"></script>
```

Vertical style: copy these scripts and paste them into your HTML page. 

```
<div id="mahalo-btn" data-id="6de3e1f4-84a5-4ac6-a8b2-5b95d7154336" data-fqdn="https://mahalo.ex.nii.ac.jp" data-layout="vertical"></div>
<script src="https://mahalo.ex.nii.ac.jp/js/mahalo_btn.js"></script>
```

Data Users – Give Mahalo

Show Mahalo

[Global Soil Wetness Project Phase 3 Atmospheric Boundary Conditions \(Experiment 1\)](#)

DOI: 10.20783/DIAS.501
URL: http://search.diasjp.net/en/dataset/GSWP3_EXP1_Forcing
Created: 2021-10-08T11:51:54+09:00Z

Give Mahalo

Latest Like

Given DOI: [10.3390/rs11101166](https://doi.org/10.3390/rs11101166)

Title: Revisiting Pseudo Invariant Calibration Sites (PICS) Over Sand Deserts for Vicarious Calibration of Optical Imagers at 20 km and 100 km Scales

Thank You Message: A paper using the DIAS dataset has been published. We thank the authors of the paper and the data providers.

Name: DIAS Office dias-office@diasjp.net

Created: 2021-11-16T11:48:35+09:00Z

Give Mahalo

[Global Soil Wetness Project Phase 3 Atmospheric Boundary Conditions \(Experiment 1\)](#)

DOI: 10.20783/DIAS.501
URL: http://search.diasjp.net/en/dataset/GSWP3_EXP1_Forcing
Created: 2021-10-08T11:51:54+09:00Z

DOI to Give:

Thank You Message:

Your Name:

Potential Data Users – Like Mahalo

Show Mahalo

[Global Soil Wetness Project Phase 3 Atmospheric Boundary Conditions \(Experiment 1\)](#)

DOI: 10.20783/DIAS.501
URL: http://search.diasp.net/en/dataset/GSWP3_EXP1_Forcing
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Give Mahalo

1-30 / 49

Latest Like

Given DOI:
[10.3390/rs11101166](https://doi.org/10.3390/rs11101166)

Thank You Message:
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Name:
DIAS Office dias-office@diasp.net

Created:
2021-11-16T11:48:35+09:00Z

MDPI

Search: [input] [input] [input] [input] [input] [input] [input]

Articles | Remote Sensing | Volume 11 | Issue 10 | 10.3390/rs11101166

remote sensing

Revisiting Pseudo Invariant Calibration Sites (PICS) Over Sand Deserts for Vicarious Calibration of Optical Imagers at 20 km and 100 km Scales

by [Chloé Bézier](#), [Kevin Brédet](#), [Francine Marie Bréjean](#), [Frédérique Vignatiel-Bastard](#) and [Mauri Bézier](#)

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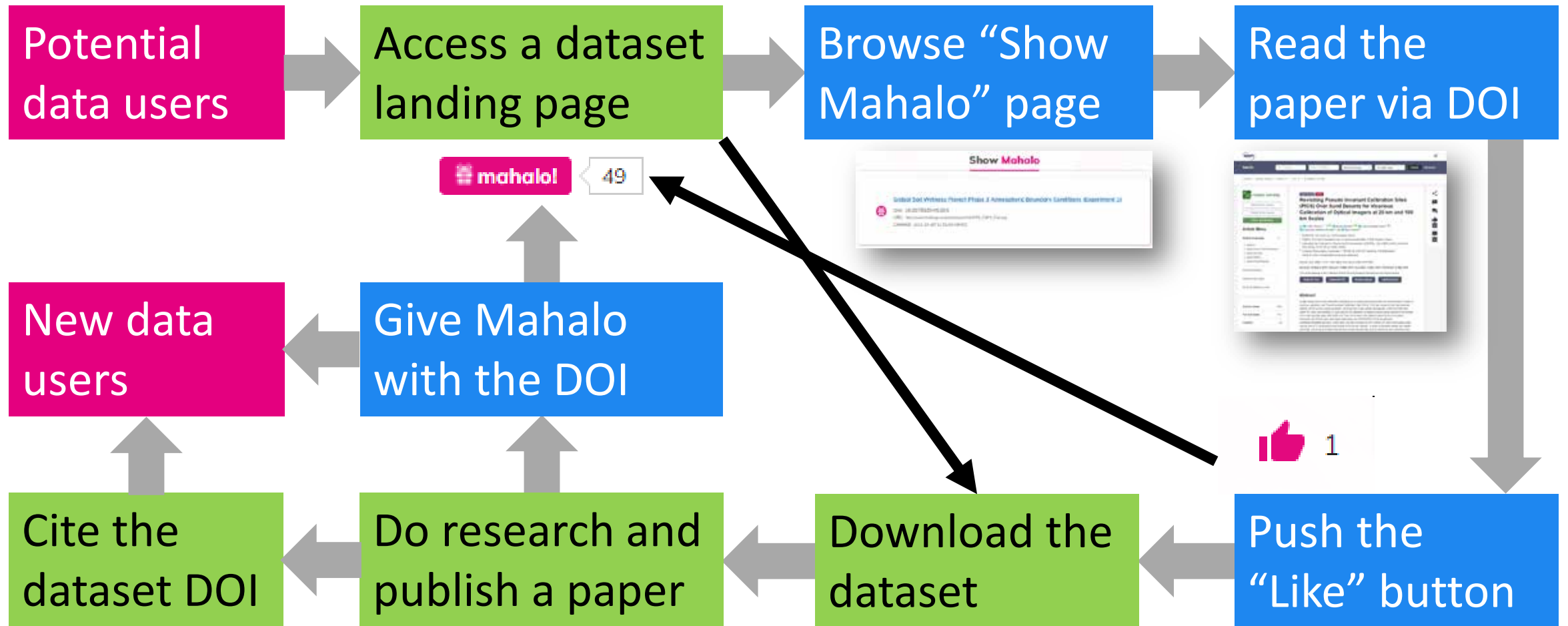
Abstract

In-flight assessment of the radiometric performance of spaceborne instruments can be achieved by means of vicarious calibration over Pseudo-Invariant Calibration Sites (PICS). PICS are chosen for their temporal stability of their surface optical properties combined with a high optical homogeneity. A first set of the most desert PICS sites was identified 20 years ago for the calibration of moderate-resolution satellite remote sensing instruments in the solar spectral range (400–1000 nm). They are located in the Gobi desert and in the Arabian Peninsula. Six of them have since been endorsed by the CEOS/PROCVIS as reference Calibration Verification Test Sites. In this study, we have revisited the list of desert PICS sites at the global scale with the aim of (1) assessing if these desert PICS are still optimal, in terms of temporal stability and spatial uniformity, and using in-flight multi-spectral remote sensing data, and (2) identifying new candidate sites.

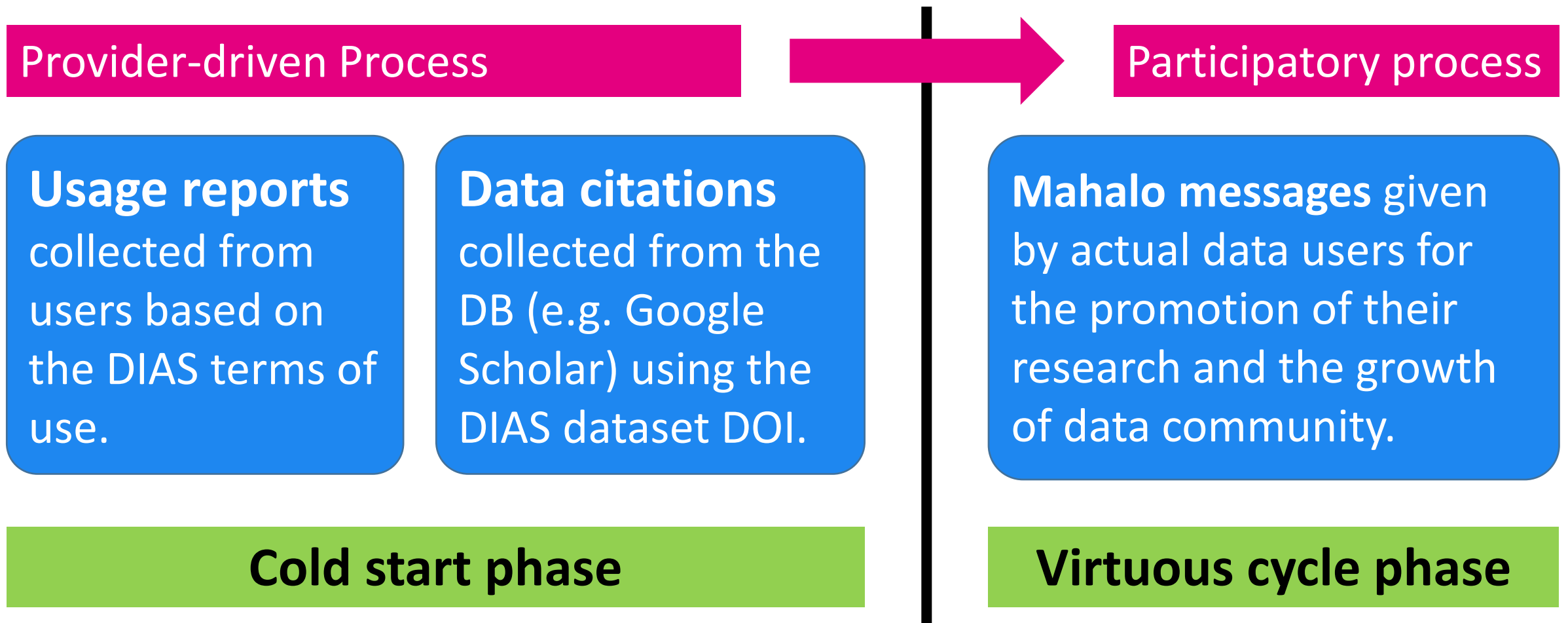


Direct messages from users to creators are also useful to share with potential data users.

Potential Data Users Turn to New Data Users



Cold Start Problem of Participatory Systems



Dissemination of the Mahalo Button

1. Mahalo Button is **supported by the DIAS project**, but the **service is open to everyone**.
2. **Requirements**: login using Google Firebase authentication and keep the terms of use.
3. **Targets**: communicate with **data creators, data users, and data repository curators** to collect various use cases.
4. **Cultural change**: The Mahalo Button ecosystem depends on the **shift of the mindset** of research communities.



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