CSIRO/CHORUS Facilities and Resources Pilot
2022 - 2025

Online resource
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CSIRO ROR: https://ror.org/05bgxxb69

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Reason for a Pilot

CSIRO, a nationally funded Australian research organization, wished to show how its resources and facilities are used by scientists from Australia and across the globe in order to illustrate its impact and warrant national investment. CHORUS and CSIRO agreed to collaborate in a project to establish protocols for identifying research resources and facilities in the published research outputs, develop a prototype workflow with a select number of publishers to pilot with two CSIRO facilities, and to potentially expand to its other facilities at a later date.

It was envisaged that once developed and operational for CSIRO facilities as a result of this pilot, the resulting workflow could be used for resources and facilities at research organizations across the world and incorporated into other publisher/journal workflows as a global standard.

A working group was formed to develop a workflow to be followed by research teams using the facilities, the CSIRO administrators of the facilities, and publishers.

Pilot Participants and Membership of the Working Group

CSIRO Facilities Selected for the Pilot

CSIRO nominated the following facilities to be involved in the pilot. All the CSIRO facilities are in listed below as an Appendix:

- Australia Telescope National Facility (ATNF)
- Marine National Facility (MNF) that operates the research vessel (RV) *Investigator*

Publishers Joining the Pilot

The following CHORUS member publishers volunteered to join the pilot:

- American Chemical Society (ACS)
- American Physical Society (APS)
- Elsevier
- Institute of Physics Publishing (IOPP)
- Oxford University Press (OUP)
- Springer Nature
- Wiley

Some of the pilot publishers sought agreement from their journals' partner societies. The list of learned societies would be long, but of note the following were included:

- American Astronomical Society (AAS) who also joined the Working Group
- American Geophysical Union (AGU)
- Royal Society of Astronomy (RSA)

In total 80 journals were included in the pilot, and are listed below as an Appendix.

Other Participants

The following organizations were also invited and joined the Working Group:

- Crossref
- National Information Standards Organisation (NISO)
- ORCID
- US Department of Energy (DOE)

Working Group Activity

Review and Goals

The Working Group initially met monthly from September 2022, although less frequently in 2024 and 2025.

Specific goals were to:

- Bring together publishers and facilities to better understand research, publication, and reporting workflows, specifically CSIRO.
- Define terms to enable conversation.
- Identify opportunities for working together to streamline and, where possible, automate impact reporting.
- Test implementation of the pilot to integrate CSIRO award and facility IDs into the manuscript publication process for select publishers and journals.

The project reviewed work CHORUS had done with US Department of Energy labs, ORCID and CHORUS member publishers in 2018. That project resulted in participating DOE labs requiring their facility awardees to allow the labs to update their ORCID records stating that the researcher used the labs facilities. This metadata can be found in the Research Resources section in ORCID of participating researchers. See https://doi.org/10.23640/07243.5623750.v1

The initial task of the Working Group was to develop a workflow agreeable to CSIRO and the participating publishers, which was finalized for implementation by early 2024.

Workflow

The Working Group has agreed the following workflow for the start of the pilot:

1. A research team applies to CSIRO to use a Facility for a Research Project as per existing CSIRO processes.
2. CSIRO gives specific instructions to the research team that the CSIRO facility, its Funder ID, and the Crossref Grant DOI (if given) are to be included in the acknowledgement section of any articles submitted for publication where the facility has been used, and that these data are correctly entered in the journal's Manuscript Tracking System (MTS) on submission.
3. On publication, the Publisher includes the name of the facility, its Funder ID, and the Research Project's Crossref Grant DOI (if given by CSIRO) in the article metadata that are deposited to

Crossref and other applicable indexing services. This will allow publications to be matched to the facility so that CHORUS can monitor article output.

4. Although not specified in this workflow, inclusion of the facility's ROR ID in the article metadata would be an added advantage along with the research team members ORCID IDs.

During the development of the workflow, Crossref announced that its open Funder ID registry would eventually be transferred to ROR, and would run in parallel in the interim.

The additional steps of including use of the facilities in researchers ORCID records was also considered. However, since updating the researchers' ORCID records would require additional steps, it was decided not to include this in the workflow. Either the researchers would have to update their own records with the facility information and Grant DOIs, or permission would be required from researchers for CSIRO to update on their behalf.

CSIRO Responsibilities

As part of the pilot, CSIRO was responsible for communicating with the facilities' awardees. CSIRO gave specific instructions to the research teams that the CSIRO facility, its Funder ID, and the Crossref Grant DOI (if given) are to be included in the acknowledgement section of any articles submitted for publication where the facility has been used, and that these data are correctly entered in the journal's manuscript tracking system (MTS) on submission. An example letter is given below as an Appendix.

CSIRO was responsible for minting their Crossref Grant DOIs and to keep appropriate and persistent records of Grant DOIs minted.

As a trial to capture comparison data, CSIRO suggested that some research projects could be assigned a Crossref Grant DOI to be included in the submitted articles, whilst others could be asked only to include the facility, and its Funder ID. This would give a comparison of researcher practice.

Journals

CSIRO identified the most commonly used journals published by the pilot publishers by researchers working with the ATNF and MNF. Where necessary having consulted with their partner societies, the publishers finalised a list of journals for inclusion in the pilot. Individual titles are listed in the Appendix with the total per facility as follows:

- ATNF - 105 journals
- MNF - 112 journals

The pilot publishers agreed to adapt their manuscript tracking system and production workflows for these journals to ensure that the facility and its Funder ID, and Crossref Grant DOIs are included in the published article metadata. This would then allow CHORUS to monitor facility use in the articles when published.

Of note is that outside of the pilot, some publishers request but do not mandate entering Grant DOIs on submission in their manuscript tracking systems.

Pilot Results

Workflow

As referred to above, a workflow was established that proved workable, and from early indications it is one that can be used by any other facility or research resource. The success of this pilot indicates that other facilities could adopt the workflow for measuring impact by monitoring use in published outputs (e.g., journal articles).

MNF and potentially ATNF will continue to assign Crossref Grant DOIs for research projects using these facilities and will themselves monitor the results in published outputs.

Data

The MNF CHORUS project list includes seven voyages conducted by the CSIRO research vessel (RV) *Investigator*, each of which was assigned a FunderID. Of these, five voyages also received individual Grant DOIs. Across all seven voyages, a total of 23 research projects were carried out. The five voyages with Grant DOIs accounted for 18 of these projects, all of which received DOIs. The remaining two voyages, which did not receive a DOI, comprised five projects that likewise did not receive DOIs. To date, one research report has been published: https://doi.org/10.25919/894f-yp62.

Monitoring Output

Unfortunately, outputs as published journal articles were not significantly monitored and analysed by CHORUS since there was insufficient time for a sufficiently large sample to be collected. As at the beginning of September 2025, 20 DOIs assigned with the MNF Funder ID (10.13039/501100014536) and 3 DOIs assigned with the ATNF Funder ID (10.13039/501100024833) appear in the CHORUS CSIRO Agency Dashboard.

The pilot will not continue into a second three-year phase. However, CSIRO will continue to assign Crossref Funder IDs and analyse published outputs.

Analysis of previous years by MNF showed that for publications associated with the RV *Investigator* there was a mean lag period of 3-5 years between voyages and publications (Figure 1). There was a significant drop in publications around 2020 which could have been due to COVID.

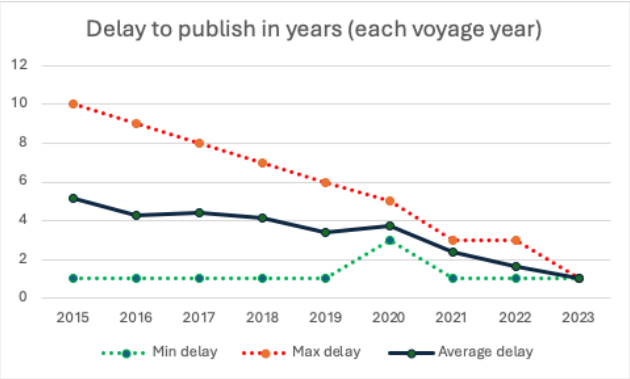

Figure. 1 RV *Investigator* lag period between voyages and publications.

During the pilot, there was discussion about contacting past awardees who have yet to submit their research manuscript to a journal to reduce the lag to publication for monitoring the pilot's output. If this was undertaken, to simplify the process of associating publications with past voyages MNF suggested that a single Crossref Grant DOI could be assigned for all past voyage participants and with a blanket email.

Communications

An article on the pilot written by Todd Carpenter of NISO was published in *The Scholarly Kitchen* on 25 March 2024. The article can be found here: https://scholarlykitchen.sspnet.org/2024/03/25/tracking-research-facilities-in-science-a-csiro-chorus-pilot-sets-sail/

CSIRO Communications organized an informal event on 8 May 2024 for Adam Finch and Mark Robertson to present to invitees from Australia's Department of Industry, Science and Resources, Department of Education, and Office of the Chief Scientist, which included some from the cross-departmental National Collaborative Research Infrastructure Strategy (NCRIS).

Howard Ratner and Mark Robertson presented informally on the pilot to the organizers of an NSF-funded project on *FAIR Facilities and Instruments* from NCAR (NSF National Center for Atmospheric Research) on 25 April 2024. Subsequently, Tara Packer presented the pilot in their workshop Tallahassee, Florida at the High Field Magnetic Laboratory at Florida State University on 20-22 August 2024. The full workshop report can be found here: https://doi.org/10.5065/zgsx-2d06.

Appendices

About CSIRO

CSIRO is Australia's national science agency, focusing on impact-driven research in a broad range of domains. CSIRO funds activities and research of 5,500 staff across 55 separate research centers, as well as their external collaborators, and additionally runs a number of world-leading facilities, which are made available to researchers internationally. CSIRO also provides direct funding for research via the Science Industry Endowment Fund and Main Sequence Ventures. CSIRO researchers collaborate with others nationally and internationally and are recipients of additional grants from funding agencies worldwide.

CSIRO Facilities

CSIRO Facilities include:

- Australia Telescope National Facility
- Australian Centre for Disease Preparedness
- Marine National Facility
- National Research Collections
- Atlas of Living Australia

About CHORUS

CHORUS advances sustainable, cost-effective public access to articles reporting on funded research in ways that benefit all in the scholarly communications community. A not-for-profit membership organization, CHORUS leverages existing infrastructure, promotes collaboration, sparks innovation, and broadens the dialogue among publishers, funders, service providers, researchers, and other stakeholders. By providing the necessary metadata infrastructure and governance to enable a smooth, low-friction interface between funders, authors, institutions and publishers in a distributed network environment, CHORUS minimizes open access compliance burdens while increasing access to literature and data in support of funder mandates worldwide.

Working Group Participants

During the Pilot the following were members of the working group - * indicates replacement by other from the same organization:

Adam Finch (CSIRO), Phil Edwards (CSIRO), George Heald (CSIRO)*, The Huynh (CSIRO), Venetia Joscelyne (CSIRO), Mikaela Lawrence (CSIRO), Anne Stevenson (CSIRO), Ilona Stobutzki (CSIRO), George

Hobbs (CSIRO), Greg Schwarz (AAS), Dan O'Brien (ACS), John Lindsey (ACS), Mark Doyle (APS), Amanda Robertson (Elsevier)*, Richard Remington (Elsevier)*, Gordon Gregg (Elsevier)*, Shirley Decker-Lucke (Elsevier), Jessica MacDonald (IOPP), Violeta Ribarska (IOPP), Lucy Oates (OUP), Daria Piccinelli (Springer Nature), Steve Riddell (Springer Nature), Andrew Smeall (Wiley)*, Vicky Johnson (Wiley)*, Tiffany Baugh-Helton (Wiley)*, Jane Salisbury (Wiley), Alice Wood (Wiley), Shawna Sadler (ORCID), Todd Carpenter (NISO), Helena Cousijin (Crossref), Carly Robinson (corresponding member, USDOE), Ed Pentz (corresponding member, Crossref), Mark Robertson (CHORUS), Howard Ratner (CHORUS), Tara Packer (CHORUS)

Sample Letter to MNF RV *Investigator* Awardees

DATE

Acknowledging CSIRO and the Marine National Facility

Project: YY/0NN <Project title>

Dear Voyage Participant,

Congratulations on your recent voyage on CSIRO research vessel (RV) *Investigator*, part of the Marine National Facility (MNF) operated by CSIRO, on behalf of the nation. We hope your voyage and voyage-related activities were successful and you achieve your objectives.

I am writing to you with important information about acknowledging the grant of sea time provided to support your research.

Visibility of your project outputs can greatly assist with the MNF being able to demonstrate the value that a dedicated research vessel provides to our nation. Acknowledging the MNF in all literature and media related to the voyage is part of your agreement with CSIRO. The simple step of acknowledging the MNF helps us to continue to be funded to deliver long term marine and atmospheric data and samples.

You have been invited to participate in a pilot project, in which we ask you to reference specific identifiers when acknowledging the Marine National Facility. An acknowledgement should be included in all written and digital publications that relate to your voyage research. The required form of acknowledgement is as follows:

> *This research was supported by a grant of sea time on RV Investigator from the CSIRO Marine National Facility (https://ror.org/01mae9353; https://doi.org/10.13039/501100014536).*

When submitting a manuscript to a publisher, as part of the submission process you may be asked to provide information about funding for your article in an online submission system. In addition to any other funding, please acknowledge:

https://doi.org/10.13039/501100014536

You may also be asked for a Grant Award/Number/DOI, in which case, please use this identifier:

> *https://doi.org/10.25919/yr9t-kg68*

Further details about acknowledging the MNF can be found on the MNF website:

https://www.csiro.au/about/facilities-collections/mnf/prepare-voyage/acknowledging-mnf

It is important for you to submit digital copies of your publications to CSIRO for archiving in the MNF Publications Database as it allows us to easily track the use of our infrastructure and the public benefit derived from it and enables us to increase visibility and reach of your research.

To submit publications, or to check whether you have already submitted your publications to us, please visit:
https://www.marine.csiro.au/data/reporting/mnf_publication.cfm
https://www.marine.csiro.au/data/reporting/

If you have any questions about MNF acknowledgements or would like to request copies of logos or branding guidelines, please contact us (https://www.csiro.au/en/about/facilities-collections/MNF/Research-vessel-Equipment-Data/MNF-teams-and-expertise).

A requirement of your agreement is that all data collected with user-supplied equipment on MNF voyages must also be made available to CSIRO or a recognised domain-specific persistent data repository as soon as possible after the completion of each voyage. This must be completed no later than 12 months post-voyage. To assist, our Data and Samples Management Policy is available at:
https://www.csiro.au/about/facilities-collections/mnf/prepare-voyage/mnf-policies/data-management-policy

I would like to take this opportunity to encourage you to join the MNF Mailing List by visiting https://www.csiro.au/en/about/facilities-collections/MNF/About/Subscribe.

This will help keep you updated with:

- News about the Marine National Facility and opportunities to participate in setting future direction and capabilities

- Announcements of open application calls for fully funded grants of sea time on RV *Investigator* via three pathways: Primary, Supplementary and Piggyback Applications (https://www.csiro.au/about/facilities-collections/mnf/apply-for-sea-time)

Thank you for your help in ensuring your research and the research services we provide are recognised by the community for the important knowledge and benefit they deliver. The work we collaborate in is vital in helping tackle Australia's greatest challenges and ensure the health and prosperity of our marine environment.

I wish you every ongoing success with your research.

Yours sincerely

List of Journals Nominated for Inclusion in the Pilot

ADVANCES IN AERODYNAMICS
ADVANCES IN ASTRONOMY
ADVANCES IN SPACE RESEARCH
AGRICULTURAL AND FOREST METEOROLOGY
ALEXANDRIA ENGINEERING JOURNAL
AMERICAN JOURNAL OF BOTANY
ANNALEN DER PHYSIK
ANNALS OF APPLIED BIOLOGY
ANNALS OF BOTANY
ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA
APPLICATIONS IN PLANT SCIENCES
APPLIED SOIL ECOLOGY
AQUATIC CONSERVATION-MARINE AND FRESHWATER ECOSYSTEMS
AQUATIC ECOLOGY
ARTHROPOD-PLANT INTERACTIONS
ASTRONOMISCHE NACHRICHTEN
ASTRONOMY AND ASTROPHYSICS REVIEW
ASTRONOMY AND COMPUTING
ASTROPARTICLE PHYSICS

ASTROPHYSICS
ASTROPHYSICS AND SPACE SCIENCE
AUSTRAL ECOLOGY
AUSTRAL ENTOMOLOGY
AUSTRALIAN JOURNAL OF GRAPE AND WINE RESEARCH
BIODIVERSITY AND CONSERVATION
BIOINFORMATICS
BIOLOGICAL CONSERVATION
BIOLOGICAL INVASIONS
BIOLOGICAL JOURNAL OF THE LINNEAN SOCIETY
BIOLOGICAL REVIEWS
BIOLOGY OF REPRODUCTION
BIOTROPICA
BOTANICAL JOURNAL OF THE LINNEAN SOCIETY
CCF TRANSACTIONS ON HIGH PERFORMANCE COMPUTING
CHEMICAL GEOLOGY
CHEMOECOLOGY
CLADISTICS
COMPLEX & INTELLIGENT SYSTEMS
COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE
COMPUTER JOURNAL
COMPUTER NETWORKS
COMPUTERS AND ELECTRONICS IN AGRICULTURE
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE
CONSERVATION GENETICS
CONSERVATION LETTERS
CONSERVATION SCIENCE AND PRACTICE
CROP PROTECTION
CURRENT RESEARCH IN FOOD SCIENCE
DIVERSITY AND DISTRIBUTIONS
EARTH MOON AND PLANETS
EARTH SCIENCE INFORMATICS
ECOGRAPHY
ECOLOGICAL APPLICATIONS
ECOLOGICAL INDICATORS
ECOLOGICAL MANAGEMENT & RESTORATION
ECOLOGICAL MODELLING
ECOLOGICAL MONOGRAPHS
ECOLOGY
ECOLOGY AND EVOLUTION
ECOLOGY AND EVOLUTION
ECOLOGY LETTERS
ECOSPHERE
ELECTRONICS LETTERS
ENERGY CONVERSION AND MANAGEMENT-X
ENTOMOLOGICAL SCIENCE
ENVIRONMENTAL AND ECOLOGICAL STATISTICS
ENVIRONMENTAL BIOLOGY OF FISHES
ENVIRONMENTAL ENTOMOLOGY
ENVIRONMENTAL MANAGEMENT
ENVIRONMENTAL MICROBIOLOGY
ENVIRONMENTAL MODELLING & SOFTWARE
ENVIRONMENTAL SCIENCE & POLICY
ENVIRONMENTAL SCIENCE & TECHNOLOGY
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH
ERKENNTNIS
ETHOLOGY
EUPHYTICA
EUROPEAN PHYSICAL JOURNAL C
EVOLUTION
EVOLUTIONARY APPLICATIONS
EVOLUTIONARY INTELLIGENCE
EXPERIMENTAL ASTRONOMY
FEMS MICROBIOLOGY ECOLOGY
FOREST ECOLOGY AND MANAGEMENT
FRONTIERS OF CHEMICAL SCIENCE AND ENGINEERING
FUNCTIONAL ECOLOGY
FUNGAL DIVERSITY
FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE
GEOSCIENCE DATA JOURNAL
GLOBAL AND PLANETARY CHANGE
GLOBAL CHANGE BIOLOGY
GLOBAL ECOLOGY AND BIOGEOGRAPHY
HARMFUL ALGAE
HEREDITY
ICES JOURNAL OF MARINE SCIENCE
IET IMAGE PROCESSING
IET MICROWAVES ANTENNAS & PROPAGATION
IET RADAR SONAR AND NAVIGATION
INFORMATION AND SOFTWARE TECHNOLOGY
INSECT CONSERVATION AND DIVERSITY
INSECT SYSTEMATICS AND DIVERSITY
INTERNATIONAL JOURNAL FOR PARASITOLOGY
INTERNATIONAL JOURNAL FOR PARASITOLOGY-PARASITES AND WILDLIFE
INTERNATIONAL JOURNAL OF ANTENNAS AND PROPAGATION
INTERNATIONAL JOURNAL OF NUMERICAL MODELLING-ELECTRONIC NETWORKS DEVICES AND FIELDS
INTERNATIONAL JOURNAL OF REFRIGERATION
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING
INTERNATIONAL JOURNAL OF SATELLITE COMMUNICATIONS AND NETWORKING
JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING
JOURNAL OF APPLIED ECOLOGY
JOURNAL OF AVIAN BIOLOGY
JOURNAL OF BIOCHEMISTRY
JOURNAL OF BIOGEOGRAPHY
JOURNAL OF CHEMICAL ECOLOGY
JOURNAL OF CHEMICAL EDUCATION
JOURNAL OF CHEMICAL INFORMATION AND MODELING
JOURNAL OF COMBINATORIAL OPTIMIZATION
JOURNAL OF ECOLOGY
JOURNAL OF EVOLUTIONARY BIOLOGY
JOURNAL OF EXPERIMENTAL ZOOLOGY PART A-ECOLOGICAL AND INTEGRATIVE PHYSIOLOGY
JOURNAL OF FISH BIOLOGY
JOURNAL OF HIGH ENERGY PHYSICS

JOURNAL OF HYDROLOGY
JOURNAL OF INFRARED MILLIMETER AND TERAHERTZ WAVES
JOURNAL OF INSECT SCIENCE
JOURNAL OF LOW TEMPERATURE PHYSICS
JOURNAL OF MAMMALOGY
JOURNAL OF MASS SPECTROMETRY AND ADVANCES IN THE CLINICAL LAB
JOURNAL OF MEMBRANE SCIENCE
JOURNAL OF PHYSICAL CHEMISTRY A
JOURNAL OF POWER SOURCES
JOURNAL OF THE ASTRONAUTICAL SCIENCES
JOURNAL OF ZOOLOGICAL SYSTEMATICS AND EVOLUTIONARY RESEARCH
LIGHT-SCIENCE & APPLICATIONS
LIMNOLOGY AND OCEANOGRAPHY-METHODS
MAGNETIC RESONANCE IMAGING
MARINE BIODIVERSITY
MARINE GEOLOGY
MARINE POLICY
MATHEMATICAL PROBLEMS IN ENGINEERING
MEASUREMENT
MEDICAL AND VETERINARY ENTOMOLOGY
METHODS IN ECOLOGY AND EVOLUTION
MICROELECTRONIC ENGINEERING
MICROELECTRONICS JOURNAL
MICROPROCESSORS AND MICROSYSTEMS
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS
MOLECULAR BIOLOGY AND EVOLUTION
MOLECULAR ECOLOGY
MOLECULAR ECOLOGY RESOURCES
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
MYCOLOGICAL PROGRESS
NAR GENOMICS AND BIOINFORMATICS
NATURE
NATURE ASTRONOMY
NATURE ECOLOGY & EVOLUTION
NATURE PHYSICS
NEURAL COMPUTING & APPLICATIONS
NEUROTOXICITY RESEARCH
NEW ASTRONOMY
NEW ASTRONOMY REVIEWS
NEW FORESTS
NEW PHYTOLOGIST
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A
OECOLOGIA
OPTICAL AND QUANTUM ELECTRONICS
OPTICAL FIBER TECHNOLOGY
OPTIK
ORGANISMS DIVERSITY & EVOLUTION
ORNITHOLOGY
PALZ
PATTERN RECOGNITION
PATTERN RECOGNITION AND IMAGE ANALYSIS
PEDOBIOLOGIA
PEST MANAGEMENT SCIENCE
PHYSICAL REVIEW D
PHYSICAL REVIEW LETTERS
PHYSICAL REVIEW X
PHYSICS LETTERS B
PHYSICS OF THE DARK UNIVERSE
PLANT AND CELL PHYSIOLOGY
PLANT BIOLOGY
PLANT PATHOLOGY
PLANT SYSTEMATICS AND EVOLUTION
PROCESS SAFETY AND ENVIRONMENTAL PROTECTION
PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN
REMOTE SENSING OF ENVIRONMENT
RESEARCH EVALUATION
RESEARCH IN SCIENCE EDUCATION
RESONANCE-JOURNAL OF SCIENCE EDUCATION
RESTORATION ECOLOGY
REVIEWS IN FISH BIOLOGY AND FISHERIES
RUSSIAN PHYSICS JOURNAL
SCIENCE BULLETIN
SCIENTIFIC DATA
SCIENTIFIC PROGRAMMING
SCIENTIFIC REPORTS
SECURITY AND COMMUNICATION NETWORKS
SIGNAL PROCESSING
SOFTWARE IMPACTS
SOFTWAREX
SOLAR PHYSICS
SPACE SCIENCE REVIEWS
SYSTEMATIC BIOLOGY
SYSTEMATIC ENTOMOLOGY
SYSTEMATIC PARASITOLOGY
TAXON
TOXICOLOGY LETTERS
TRENDS IN ECOLOGY & EVOLUTION
TROPICAL ECOLOGY
URBAN ECOSYSTEMS
WELDING IN THE WORLD
WIRELESS COMMUNICATIONS & MOBILE COMPUTING
WIRELESS PERSONAL COMMUNICATIONS
ZOOLOGICA SCRIPTA
ZOOLOGICAL JOURNAL OF THE LINNEAN SOCIETY
ZOOLOGISCHER ANZEIGER