INTERNATIONAL JOURNAL OF REMOTE SENSING AND EARTH SCIENCE (URESES)

Information for Contributors

The International Journal of Remote Sensing and Earth Science (IJReSES) is an academic journal that collects research papers containing the results of research on the earth sciences and remote sensing. It consists of the research papers, short reports, general argument & prospect, and questions & answers. Manuscripts submitted for publication in IJReSES should convey the author's findings precisely and immediately to the reader. Authors are urged to have their manuscripts reviewed critically by colleagues for scientific accuracy and clarity of presentation. If a manuscript has more than one author, co-authors must consent to the final version of the manuscript. The copyright for all writings compiled in the journal belongs to the International Society of Remote Sensing and Earth Science (IReSES).

1. Qualifications

Contribution can be made by the member of IReSES and upon the request of IReSES.

2. Manuscript

Contribution should be research papers, research papers exclusive for contribution, short reports, questions & answers, general argument & prospect, and introduction of new products. Research papers have to be unpublished and are not being considered for publication elsewhere. Authors will be asked to provide final manuscripts and artwork as electronic files (MSWord for text; JPEG, GIF or TIFF for images). The manuscript should be arranged in the following order:

- (1) Title page including authors' names and affiliations
- (2) Abstract
- (3) Text (including appendices)
- (4) Acknowledgments
- (5) Reference list
- (6) Figure captions
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3. Languages

English is the official languages for the journal.

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The manuscript should be concise and easy to read. Use A4 or Letter size papers and type with 12 points using Times New Roman, double spacing, and one inch or 2.5 cm margins for top, bottom, and both sides. Do not exceed the 25 lines per page limit. Authors are recommended to keep a copy of the manuscript. Please pay attention also to the following points in preparing the manuscript.

- (1) The manuscript should begin with the title, the name of the author, the author's affiliations and its address to which the correspondence can be addressed.
- (2) The manuscript for research paper should be submitted with the abstract in English of approximately 150 to 250 words.
- (3) Authors are recommended to avoid the use of illustrations and tables unless they are absolutely necessary. All illustrations should be drawn in black, for the original will be used as a black copy for printing.
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- (7) References in the text should be like [Asanuma et al. (2002)]. The reference list should be provided in alphabetical order at the end of the text. For the style of the list, refer to the below examples:

Reference lists need to provide complete and accurate information that will enable a reader to locate the original source easily. References to different types of material may require slightly different information:

Articles

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Year of publication

Examples:

Shettle, E.P., G.E. Thomas, J.J. Olivero, W.F.J. Evans, D.J. Debrestian, and L. Chardon, Three-satellite comparison of polar mesosphenc clouds: Evidence for long-term change, J. Geophys. Res., 107(D12), 4079, doi: 10.1029/2110JD000668, 2002.

Green, D. H., and M. E. Wallace, Mantle metasomatism by ephemeral carbonatite melts, Nature, 336, 459-462, 1998.

Fung, A. T, and S. E. Haggerty, Zoning, melting, and apatite in mantle eclogites, Koidu, Sierra Leone (abstract), Eos Trans AGU, 74(16), Spring Meet. Suppl., 320, 1993.

Galeev, A. A., and L. M. Zelenyi, Tearing instability in plasma configurations, Sov. Phys. JETP, Engl. Transl., 43, 1113-1119, 1970.

Books or reports

Name of author or authors

Title of article or chapter (if only part of book or report is being cited)

Title of book or report
Volume number (if part of a multivolume series)
Edition (if not original)
Report numbers
Publisher's name
City of publication
Date of publication

Examples:

- Field, S. W., S. E. Haggerty, and A. J. Erlank, Subcontinental metasomatism in the region of Jagersfontein, South Africa, in Kimberlites and Related Rocks, vol. 2, edited by J. Ross, Spec. Publ. Geol. Soc. Aust., 14, 771-783, 1989.
- Schlesinger, W. H., Changes in soil carbon storage and associated properties with disturbance and recovery, in The Changing Carbon Cycles, a Global Analysis, edited by J. R. Trabalka and D. E. Richie, pp. 194-220, Springer-Verlag, New York, 1986.
- Thompson, W. B., Preliminary investigation of the electrodynamic of a conducting tether, in Spacecraft Environmental Technology 1983, edited by C. K. Purvis and C. P. Pike, NASA Conf. Publ., 2359, 649-662, 1985.

Papers presented at meetings

Author
Title of paper
Meeting where presented
Location of meeting
Date

Example:

- Dobrowolny, M., E. Mechioni, G. Vannaroni, and J. P. Lebreton, Satellite charging during the TSS-1 mission, paper presented at 2nd International Workshop on the Applications of Tethered Systems in Space, Nagashima, Japan, 1994.
- (8) Authors should use S.I. units.
- (9) Submission of the manuscript in the form of electric files can be accepted. We accept MS-Word file only. Authors can submit by attached files to E-Mail or CD-ROM by mail.

5. Proofreading

The first page proofs will be checked by the author. The author is not expected to make changes or additions to the text, illustrations or tables that constitute departures from the manuscripts in its accepted form.

6. Offprints

50 offprints will be given to the first author without charge.

IReSES Statutes and Rules

International Society of Remote Sensing and Earth Sciences (IReSES) as a scientific forum was formed to promote ocean sciences and remote sensing through mutual and international understanding and collaboration in the South-East Asia. Emphasis is placed on fostering science interest and capability in developing countries, with sponsorships and financial support from individuals and organizations. The IReSES, established in 2003, has been based on the participation of individual scientists, including financial and consulting contributors. It has involved universities, research institutions, governmental agencies and private institutions in developing countries related to ocean and earth environmental research.

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Article 1. Name

The name of the Association is "International Society of Remote Sensing and Earth Sciences (IReSES)".

Article 2. Aims

The Association is, in general, for the promotion of studies of the oceans and related earth sciences using remote sensing technology through international collaborations with the following scientific priorities:

The Ascociation conference and promotes studies of the oceans and related earth sciences such as greenhouse effect, ENSO, ocean hazard, pollution, sea level rise, other climatic variability in South-East Asia and geophysics such as plate techtonic, seismology, etc., and geology, using remote sensing and involving international collaborative programs.

The IReSES aims to provide better opportunities for scientists, especially from developing countries for learning and applying the state of the art in earth remote sensing including space and under water development, information technology, computer science and environmental sciences, through international conferences and training courses.

Article 3. Activities

The principal activities of the Ascociation shall be:

To promote earth sciences remote sensing through activities such as conferences, training courses, working group meetings.

To improve the awareness of the applicability of remote sensing data toward understanding our environment.

To use such information for addressing various issues of regional and global concern.

The Association also popularizes earth sciences remote sensing by publishing journals (IJReSES), proceedings and book.

Article 4. Language

The working language of the society shall be used the English language.

Article 5. Membership

Member.

Any individual scientist, graduate student or public/non-public institution or organization may apply to join the society as Ordinary Member, Student Member, and Associated Member, respectively.

The admission of any new member shall be at the discretion of the IReSES executive (President, Vice-president, Chairmen of committees) and the General Assembly.

The benefits to the members are among others:

Timely information and invitation to participate on each forthcoming IReSES conference, training courses, symposia, and other specialization activities.

Certificate (diploma) of membership.

Distribution of LIReSES for the members.

Associate member

Any public or non-public organization interested in the society may apply to join the society as an Associate Member. Admission of any new associate member shall be recommended by IReSES executive meeting and decided by the General Assembly. The membership is simply required to be a consulting sponsorship and essentially without any responsibility or vote.

Sustaining Member

Any organization and company interested in supporting the society may apply to join the society as a Sustaining Member that provides financial sponsorship to each conference.

Article 6. IReSES Structure

The IReSES structure consists of a two-tier system: the Administrative Executive Board and IReSES Association (please refer IReSES Association S & R; brochure)that can deal with the contract business ordered by governments and companies. The structural flow chart is shown in **Appendix-1**.

The Administrative Executive Board is comprised of the President, Vice-president and chairmen of committees. The Administrative Executive Board also consists of the Treasurer and the Secretary.

6.1. General Assembly

The General Assembly is the highest authority of IReSES and consists of all members reported activity by the Executive Board during each General Assembly. It shall act as appropriate and generally after recommendations from the Executive Board.

An ordinary session of the General Assembly is held bi-annually during each IReSES conference, at a place and date determined by the General Assembly at the previous conference. The President chairs the General Assembly.

6.2. Members

The members are classified as Ordinary member, Student member, Associate member and Sustaining member as defined in Article-5.

6.3. President and Vice-president

The President recommends the members for Administrative Executive Board, Treasurer and Secretary. The Vice-President assists the President, shares in general his/her responsibilities and implements the president's role either in absence of the President or as the representative of the President in the Association.

The President and the Vice president are elected by the Administrative Executive Board.

6.4. Administrative Executive Board

The Administrative Executive Board consists of the President, Vice-president, Executive Members, Treasurer, Secretary and the Chairpersons of Committees and Commissions as stated in article 6. The Administrative Executive Board oversees the overall functioning of the Association. It implements the society activities, policies and views, approved/recommended by the committees.

The Executive Board Members are nominated by the President, in consultation with the vice-president. The Administrative Executive Board shall elect the new president, after retirement of the previous president.

6.5. Executive Associates

The Executive Associates share the responsibility of the president and assist him/her in the co-ordination of IReSES activities. In the absence of the president, the vice-president will be the officiating head of the Administrative Board. It is also the duty of the president to convene the Executive Board Meeting. The president coordinates the over all functions of IReSES and has the following responsibilities/duties in collaboration with the Executive Associates. Responsible for implementation of the Association's policies and views recommended by committees.

Signatory to all IReSES notifications related to the society's functioning.

Forwards the recommendations/proposals from committees to the Administrative Board for approval and to the General Assembly for ratification.

Present the reports of the IReSES activities since the previous General Assembly.

6.6. Executive Members

The executive members are responsible to assist the president / vice-president in co-ordinating and executing the IReSES activities and proposals. The president shall delegate power/ responsibilities to the executive members and when the situation demands.

6.7. Treasurer

The treasurer administers the IReSES budget and submits the financial report to the General Assembly. The treasurer is one of the members of the Financial Committee which plans and audits the Association's budget and budgetary requirements.

6.8. Secretary

The secretary is to help the president and executive associates in the day-to-day business of the society. The secretary is responsible for book keeping and all documentation of the IReSES correspondence.

6.9. Committees:

The Committees are an important part of the Administrative Executive Board. The Chairmen are nominated by the President in consultation with the Vice-President. In turn, the Chairman plans, requests the participation and appoints the members who will integrate the corresponding Committee.

IReSES has the following committees:

6.9.1. Editorial

The editorial committee is responsible for the Association's journals IJReSES..

6.9.2. Program

The program committee is responsible for making and arrangement of each program of coming symposium of IReSES, and appoints the chairman of the sessions who will choose the excellent papers for next issue of IJReSES.

6.9.3. Training and Education

The committee for training and education is responsible for training and educating students and young scientists in the South-East Asia and organising events to improve the awareness of earth sciences and remote sensing among the end users, and public for the benefits of environmental monitoring and sustainable use of earth and ocean resources. This could be in terms of promoting awareness and training for using the voluminous remote sensing data and its potential to address environmental issues in developing countries.

6.10. Awards

IReSES has constituted various awards for the promotion of young science and service as stated in article 10. The awards committee is responsible for selecting eligible scientists for such awards.

6.11. Financial

The financial committee has responsibility for the financial management of the Association.

6.12. Membership Evaluation

IReSES needs to strengthen the Association by increasing the number of the Association members. Administrative Executive Board will evaluate the received membership applications and report. It is important for the committee to promote membership to keep the balance between corporate and ordinary members.

Article 7. Secretariat

The IReSES Secretariat is the office of the Administrative Executive Board, who is the administrative head of the IReSES Association located in CReSOS-Unud (Centre for Remote Sensing and Ocean Sciences - Udayana University).

Article 8. Budget

The IReSES budget is generated mainly through sponsorships from consulting and financial support by individuals and organizations, including CReSOS.

The Treasurer administers the society budget. The income is supplied by the grants of sustaining members, space agencies, governmental sponsors and various international organizations.

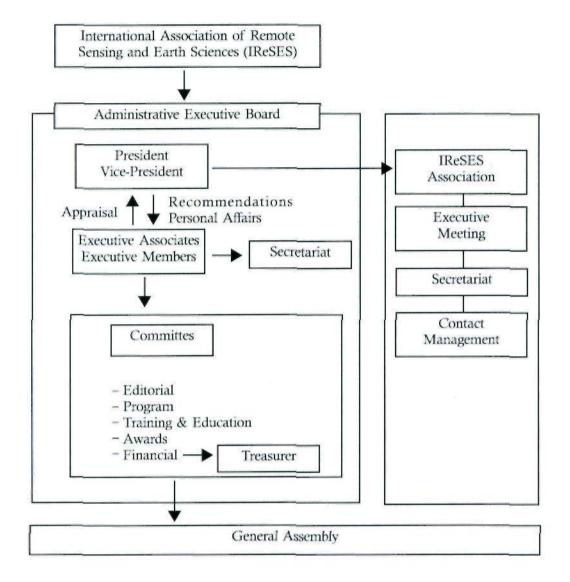
The Local Organizing Committee (LOC) has to be handled and administered by CReSOS-Unud, including with practical programming, operating symposium and issuing IJReSES.

Article 9. IReSES Awards

The IReSES Awards Committee is a Committee of the Administrative Executive Board.

The IReSES Awards Committee shall provide a report to the General assembly with recommendations for recipients of IReSES Awards to be given at the IReSES symposium.

The IReSES Awards Committee shall exercise diligence in making its recommendations. It shall seek advice and suggestions from members of the Administrative Executive Board and may take external peer assessments and advice.



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MESSAGE FROM THE IRESES PRESIDENT AND VICE-PRESIDENT

nternational Society of Remote Sensing and Earth Sciences (IReSES) is a scientific forum which was formed to promote ocean sciences and remote sensing through mutual and international understanding and collaboration with emphasis on fostering science interest and capability in developing countries especially in the South-East Asia region. The IReSES was established in September 2003 based on the participation of individual scientists, and extended to the involvement of universities, research institutions, government agencies and private institution in developing countries related to ocean and earth environmental researches.

Generally, the developing countries in South-East Asia have research priorities which should be done devotedly and intensively, among others are: 1) Research linked with the utilization of marine resources in coastal area and the sea, 2) Research linked with space management, design and construction of coastal area and marine, 3) Research linked with pollution control in coastal and marine area, 4) Research linked with environmental support capacity upon construction activities, such as shrimp aquaculture pond, tourism, residential area, industrial area, agriculture, etc. This newly established Society (IReSES) is expected to contribute some of research findings for the above research priorities.

The IReSES has the main objective to promote studies of the oceans and related earth sciences, using remote sensing technology through international collaboration. The scientific topics are widely range, such as greenhouse effect, ENSO, ocean hazard, pollution, sea level rise and other climatic variability in South-East Asia, ocean circulation, ocean color, marine optics, miscellaneous oceanographic information, underwater acoustics, coastal zone management, fisheries oceanography, etc.

The Society aims to provide better opportunities for scientists especially from developing countries for learning and applying the state of the art in earth remote sensing including space data, pursuing studies in underwater development, information technology, environmental sciences, exploration of marine resources, etc. The promotion is implemented through international symposium or conferences, and training courses.

The inauguration of International Journal of Remote Sensing and Earth Science (IJRe-SES) with this first periodical scientific journal edition is an effective way to disseminate those scientific results among the Society members, marine scientists and other interested people. The journal also has the role for facilitating the exchange view and discussion on special topics by scientists or readers. This is in conformity with the planned annual international symposium conducted by IReSES which could be used as forum for scientific exchange and promotion of ocean studies with related earth sciences. It is expected that the scientists in South-East Asia and its surrounding, as well as other international scientists could use this journal as medium for disseminating research results.

Denpasar - Bali, September 2004

Prof. Yasuhiro Sugimori President, IReSES

Prof. Bonar P. Pasaribu Vice-president, IReSES

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Editorial Committee Preface

Dear Readers,

Welcome to the first issue of International Journal of Remote Sensing and Earth Sciences. This journal is expected to enrich the serial publications on earth sciences, in general, and remote sensing in particular, in Southeast Asian countries.

The contents of this journal are of particular interest to remote sensing as the tool for oceanography, marine biology, fisheries, and meteorology, but pure sicences papers on oceanography, marine biology, and fisheries aspects are also welcomed.

Up to now, journal on remote sensing is very rare in this area. Meanwhile, the sciences of information on remote sensing or other pure sciences of information using remote sensing develops very rapidly and need media to encourage these fields.

This journal is intended, among others, to fill the gap of information media on remote sensing and earth sciences. This journal is also intended to encourage young scientists in Indonesia and Southeastern Asian countries as well as other countries to express and contribute their thoughts to be published in this journal. Therefore we would invite those scientists to manifest their thoughts and ideas through research papers, short reports, introduction of new products, and other materials as stated in the Information to Contributors. We are looking forward to receiving your manuscript for this journal.

Dr. Ichio Asanuma

Chairman of Editorial committee, IJReSES

Dr. Richardus Kaswadji

Co-chairman of Editorial committee, IJReSES