



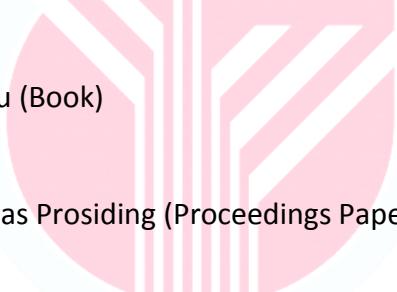
PERPUSTAKAAN SULTAN ABDUL SAMAD

PANDUAN PENGINDEKSAN AGRIS

(Tarikh kuatkuasa : 6 Oktober 2020)

Edisi ke - 2

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PENGENALAN

AGRIS (International Information System for the Agricultural Science and Technology) iaitu satu kerjasama dalam perkongsian maklumat di antara FAO (Food and Agriculture Organisation of the United Nations) dengan 150 institusi (Agris Centers) dari 65 negara termasuk Malaysia dalam bidang sains dan teknologi pertanian.

PSAS bertanggungjawab mendokumentasi dan mengindeks bahan dalam bidang sains dan teknologi pertanian di Malaysia ke dalam pangkalan data AGRIS Malaysia dan menjadi pembekal data kepada AGRIS FAO. Pangkalan data AGRIS Malaysia menggunakan platform sistem akses terbuka Agri Ocean DSpace yang telah disediakan oleh pihak FAO.

Panduan Pengindeksan AGRIS disediakan untuk membantu mewujudkan keseragaman dalam proses pengindeksan bahan dalam Pangkalan Data AGRIS Malaysia.

SKOP PENGINDEKSAN

1. Bahan yang diindeks dalam pangkalan data ini terdiri daripada artikel jurnal, buku, bab dalam buku, monograf dan kertas kerja persidangan yang diterbitkan di Malaysia.
2. Rekod yang diindeks meliputi bidang perkara sains dan teknologi pertanian, termasuk perhutanan, sains penternakan, perikanan, sains makanan dan sains alam sekitar; meliputi aspek geografi, sosiologi, kejuruteraan dan lain-lain bidang yang berkaitan.
3. Meliputi bahan bercetak dan bukan bercetak.

KRITERIA PEMILIHAN BAHAN YANG DIINDEKS

1. Isi kandungan subjek bahan (Subject content)

Bahan-bahan yang diindeks mestilah meliputi skop yang ditetapkan oleh FAO iaitu bidang perkara sains dan teknologi pertanian, termasuk perhutanan, sains penternakan, perikanan, sains makanan dan sains alam sekitar; meliputi aspek geografi, sosiologi, kejuruteraan dan lain-lain bidang yang berkaitan yang diterbitkan di Malaysia.

2. Jenis dan bentuk/format bahan (Form)

Bahan bercetak dan bahan bukan bercetak tidak termasuk bahan media.

3. Kegunaan dan ketersediaan bahan (Usefulness & availability)

Kandungan bahan yang diinput seharusnya mempunyai kepentingan umum dan penerbitan yang boleh diperolehi.

(Bahan tidak perlu diindeks: Rujuk Lampiran 1)

CARA MEMASUKI MOD PENGINDEKSAN

1. Taip <http://www.agris.upm.edu.my:8080/dspace/>
2. Klik MyDspace

The screenshot shows the AGRIS homepage with a green header featuring the UPM logo and the text "International Information System for the Agricultural Science and Technology (AGRIS)". The main content area includes sections for "Malaysian Agriculture Repository", "MALAYSIAN AGRIS DATABASE", "Search", and "Recent Submissions". On the left sidebar, there are links for "Communities in DSpace", "Feeds", "Contact", "User Guide (Download)", "Links", "AGRIS - ASEAN Countries", "Repositories", "Search engines", and "Help".

3. Masukkan Username dan Password

The screenshot shows the login form titled "Log In to DSpace". It includes fields for "E-mail Address:" and "Password:", both of which are highlighted with red arrows. Below the form is a link "Have you forgotten your password?"

4. Klik Start a New Submission

The screenshot shows the submission interface. At the top, there is a table of management tasks. Below it, a large red arrow points to the "Start a New Submission" button, which is also circled in red. The interface includes sections for "Unfinished Submissions" and "View Accepted Submissions".

5. Pilih Publication dan klik Next

The screenshot shows the 'Submit: Choose Collection' page of the AGRIS DSpace system. At the top, the UPM logo and the text 'UPM UNIVERSITI PUTRA MALAYSIA BERILIUNG SERDANG' are visible. Below this, the title 'International Information System for the Agricultural Science and Technology (AGRIS)' is displayed. The navigation bar includes links for Home, My DSpace, Browse, Search, Language, Help, and About DSpace. The main content area is titled 'Submit: Choose Collection' with the instruction: 'Select the collection you wish to submit an item to from the list below, then click "Next". [More Help...](#)'. A dropdown menu labeled 'Collection' is open, showing options: Publications (selected), Catalogue, Institute's review, Library Journals, and Publications. A red circle highlights the 'Publications' option. To the right of the dropdown are 'Next >' and 'Cancel' buttons. At the bottom left, there are links for 'Go to DSpace Home' and 'My DSpace'. At the bottom right, the 'DSpace' logo is present.



PANDUAN METADATA

TEMPLATE

Pilih template mengikut jenis bahan yang hendak diindeks.

Select template

Journal Contribution ▾

- **Journal contribution:**

This term is used to collect a selection of frequently occurring type of contributions to a journal/periodical.

Journal: a periodical committed to disseminating research in a specific field of study, usually published in quarterly, bimonthly, or monthly issues.

Open Access journal: a periodical that makes the full text of the articles it publishes universally and freely available via the Internet by depositing them in an open access repository

- **Pre-print:**

An article to be published in a journal. Distributed in advance with the purpose of receiving feedback from interested persons in the topic to improve the final version of the article.

- **Book section:**

A major section of a book, complete in itself but related in theme to the rest of the book.

- **Book:**

A non-periodical publication consisting of a substantial number of pages in one physical piece, usually written by a specialist in the field.

- **Proceedings paper:**

The published record of a conference presentation paper published in the proceedings of the conference.

Conference contribution:

This term is here used for the different types of unpublished conference material. The published ones can be described with the template 'Proceedings paper'

- **Research report:**

A separately published scientific record of research or technical findings, usually carrying a report number.

- **Working paper:**

A preliminary paper, usually based on research, not intended for publication but rather for circulation by the author (or authors) to professional peers for comment .

- **Thesis:**

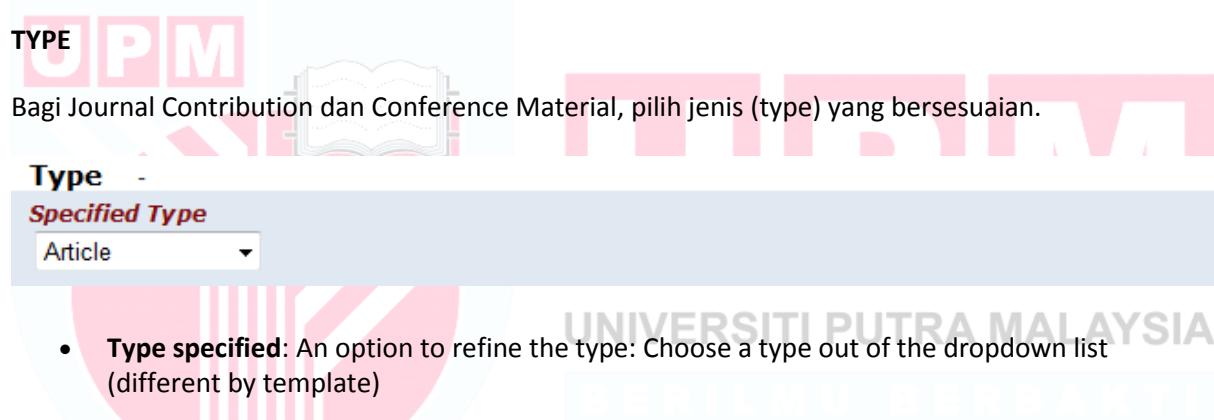
A formal written thesis, especially an account of scholarly investigation or original research on a specialized topic, submitted to a university in partial fulfilment of the requirements for a Bachelor's, Master's, Ph.D. degree.

- **Maps:**

- **Data sets:**

- **Audiovisual material:**

- **Other:** If you have a type of content not present in this list, you can use 'Other'



For Journal Contribution:

- Article: A piece of prose written by one or more authors and published in a scholarly journal. Articles often include a bibliography and an abstract and are ideally peer-reviewed.
- Book Review: An evaluative account of a newly published work, usually written by a qualified person, for publication in a journal.
- Editorial: A brief note expressing the opinion of the chief editor(s) of a journal with respect to a scientific issue. Editorials appear on the editorial page of a journal and usually precede the main articles.
- Letter: A letter, printed on the editorial page of a journal, in which a reader expresses his or her views on the subject of a previously published article or editorial, sometimes followed by a response from the editor(s).
- Meeting abstract:
- Note:
- Review:
- Other: If you have a type of journal contribution not present in this list, you can use 'Other'.

For Conference Material:

- Paper: The written record of a conference presentation, not yet published in the proceedings of the conference.

- Poster: A poster is a visual description of a project on large sheet of paper, prepared for viewing by those attending a conference.
- Presentation: The actual text and illustration/graphics presented at a conference, usually as a powerpoint.
- Other: If you have a type of conference contribution not present in this list, you can use 'Other'.

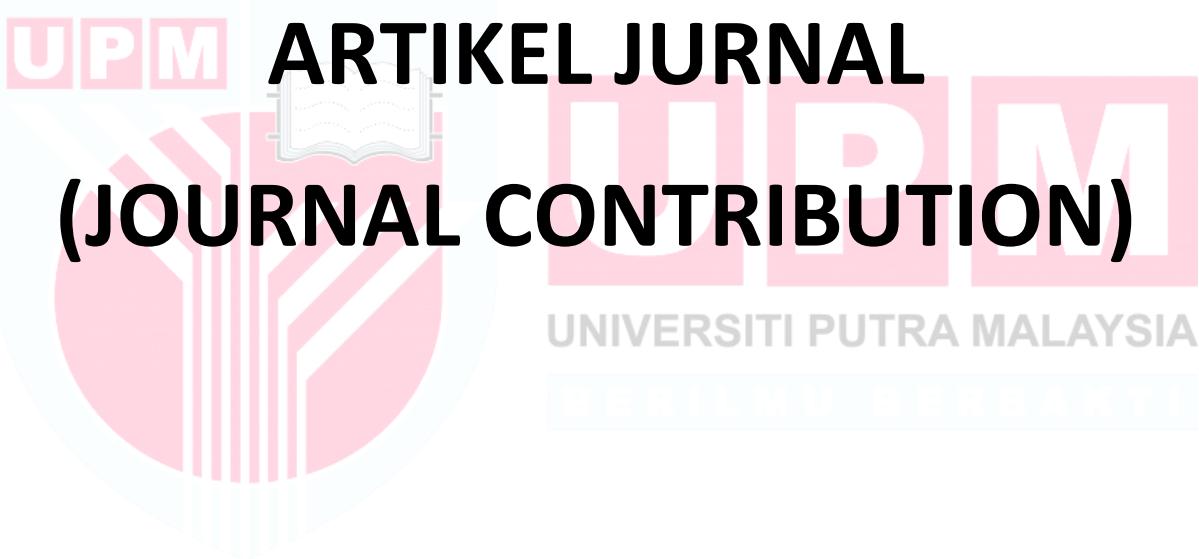
For Theses and Dissertations:

- Bachelor - Master - Phd

For Maps:

- Atlas - Diagram - Model - Profile - Remote-sensing image - Section - Other.





ARTIKEL JURNAL (JOURNAL CONTRIBUTION)

Journal Contribution (This term is used to collect a selection of frequently occurring type of contributions to a journal/periodical)

The screenshot shows the 'Select type of document' step of a journal contribution submission form. The 'Type' dropdown is set to 'Journal Contribution'. The 'Specified Type' dropdown is set to 'Article'. The 'Creators' section shows a placeholder for names like 'Jones, Jim'. The 'Title Information' section includes fields for the title and alternative titles. The 'Reference' section includes fields for journal title, volume, issue, start page, and end page. A large watermark for 'UPM UNIVERSITI PUTRA MALAYSIA BERSEJARAH DAN BERPRESTASI' is visible across the form.

1.0 SELECT TYPE OF DOCUMENT
Pilih Journal Contribution

1.1 TYPE (SPECIFIED TYPE)
Pilih ARTICLE

- Article:

A piece of prose written by one or more authors and published in a scholarly journal. Articles often include a bibliography and an abstract and are ideally peer-reviewed.

- Book Review:

An evaluative account of a newly published work, usually written by a qualified person, for publication in a journal.

- Editorial:

A brief note expressing the opinion of the chief editor(s) of a journal with respect to a scientific issue. Editorials appear on the editorial page of a journal and usually precede the main articles.

- Letter:

A letter, printed on the editorial page of a journal, in which a reader expresses his or her views on the subject of a previously published article or editorial, sometimes followed by a response from the editor(s).

2.0 CREATORS

Masukkan nama pengarang perseorangan / institusi seperti berikut (klik **add more** untuk tambah nama pengarang):

2.1 Nama Orang Perseorangan (Personal Author)

Contoh:

- ❖ Wan Asma I.
- ❖ Siti Aishah Baharum
- ❖ Wilkinson, G.
- ❖ Wong, H. K.
- ❖ Sato, Kiyotaka
- ❖ Vimala Subramaniam

2.2 Nama Institusi (Corporate Author)

Contoh:

- ❖ Universiti Putra Malaysia
- ❖ Malaysian Agricultural Research And Development Institute (MARDI)

2.3 Editor

Contoh:

- ❖ Choo, Y M.
- ❖ Anis Mokhtar



3.0 TITLE INFORMATION

3.1 Title

Masukkan judul bahan termasuk sub judul. Pilih (**Other**) di ruangan bahasa (**languages**) untuk Bahasa Melayu.

Contoh:

- ❖ Induced spawning of a river catfish Hemibagrus nemurus (Valenciennes, 1840)
- ❖ Insecticide resistance in Sitophilus zeamais Mots. and Rhizopertha dominica (F.) in Indonesia
- ❖ Effect of air-flow rates on laboratory measurement of NH₃ volatilization
- ❖ Determining the colugo sexes by gliding motion photograph

3.2 Alternative title (diisi oleh pustakawan)

Bagi bahan yang diterjemah masukkan judul alternative dan pilih bahasa.

Contoh:

- ❖ Tumbuhan ubatan tempatan sebagai agen antidiabetik (judul asal)
- ❖ *Local medicinal plant as an antidiabetic agent* (judul alternatif)

4.0 REFERENCE

4.1 Journal Title

Masukkan judul jurnal dan pilih bahasa mengikut bahan. Pilih (**Other**) di ruangan bahasa (**languages**) untuk Bahasa Melayu



Contoh:

- ❖ Pertanika Journal of Social Science and Humanities (Malaysia)
- ❖ Pertanika Journal of Tropical Agricultural Science (Malaysia)
- ❖ Dewan Masyarakat (Malaysia)

4.2 ISSN

Contoh:

- ❖ 1511-3701
- ❖ 0128-7702
- ❖ 0419-0386



3.3 Volume – Issue – Start page and end page:

Masukkan data di kotak berkenaan

Contoh:

Vol	Issue	Start page	End page
15	5	15	24

4.3 Full Citation

- ❖ Pertanika Journal of Tropical Agricultural Science (Malaysia), 16 (1), p. 5-10

[Home](#) [My DSpace](#) [Browse](#) [Search](#) [Language](#) [Help](#) [About DSpace](#)

[Describe](#) [Describe](#) [Describe](#) [Upload](#) [Verify](#) [Complete](#)

Submit: Describe this Item

Please fill further information about this submission below. ([More Help...](#))

Links - [Help](#)
DOI of published version
The DOI is a unique digital object identifier. This identification system is used by international publishers.

Alternative Locations (URL)
If your deposit is available from other sites, enter those URLs here.
 [Add More](#)

Data set(URL)
If the data sets are electronically , enter those URLs here.
 [Add More](#)

Characteristics - [Help](#)
Year of Publication (format: YYYY) *

Refereed *
Please indicate here if your deposit has been refereed.
Non-Refereed [▼](#)

Language *
Select the language(s) of your deposit.
 English Polish
 French Italian
 Portuguese Arabic
 German Japanese
 Spanish Chinese
 Ukrainian (Other)
 Russian

[◀ Previous](#) [Next ▶](#) [Stop](#)

5.0 LINKS

Masukkan pautan untuk teks penuh, jika ada.

5.1 DOI of published version

Contoh:

❖ [10.1016/j.iheduc.2003.11.004](https://doi.org/10.1016/j.iheduc.2003.11.004)

5.2 Alternative Locations (URL):

Jika dokumen terdapat di laman web lain / URL rasmi bahan.

Contoh:

❖ <http://www.uhasslet.be/seaweed.pdf>

6.0 CHARACTERISTICS

6.1 Year of Publication (Format: YYYY)

Masukkan tahun diterbitkan

Contoh:

❖ 2008

6.2 Refereed

Kenalpasti sama ada bahan telah dirujuk atau tidak

Contoh:

- ❖ Refereed
- ❖ Non Refereed

6.3 Language

Pilih bahasa bahan . Pilih **Other** untuk bahan dalam Bahasa Melayu

Contoh:

- ✓ English



Nota : medan yang bertanda * adalah wajib diisi (mandatory) seperti berikut:

- Title
- Journal Title + ISBN
- Year of Publication
- Refereed
- Language



(Describe) (Describe) (Describe) (Upload) (Verify) (Complete)

Submit: Describe this Item

Please fill further information about this submission below. ([More Help...](#))

Subjects - [Help](#)
ASFA Terms
 Enter a (part of) the keyword and choose from the list/ See also at [ASFA website](#)
 English [Add More](#)

AGROVOC Terms
 Enter a (part of) the keyword and choose from the list/ See also at [Agrovoc website](#)
 English [Add More](#)

Free Keywords
 Enter here any keywords that will help searchers to find your deposit.
 English [Add More](#)

Geographical Terms
 Select the geographical terms your deposit covers.
 English [Add More](#)

Description of Content - [Help](#)
Abstract
 Enter here the abstract, a short summary of the content of your deposit.
 English [Add More](#)

Notes
 Enter here any additional information about your deposit.
 English

Bibliography
 You are strongly encouraged to paste the citations present in your deposit into the box below.

Intellectual Property - [Help](#)

7.0 SUBJECT (diisi oleh pustakawan)

7.1 AGROVOC Terms

Rujuk dari senarai laman web Agrovoc yang disediakan dan disusun mengikut konsep seperti berikut, jika ada:



a. Commodities or Topics

Komoditi, produk, topik atau fenomena yang berkaitan dengan bahan.

b. Activities

Tindakan, operasi atau proses yang telah dijalankan

c. Agents

- Agen atau keadaan yang memberi kesan kepada aktiviti/topik.
- Teknik tertentu atau kaedah untuk mencapai tindakan tersebut.

d. Results

Keputusan ke atas aktiviti yang dilakukan.

Contoh:

- ❖ Biofuel
- ❖ Biomass
- ❖ Oil palm
- ❖ Food resources

7.2 Geographical Terms

Lokasi di mana kajian/liputan dibuat.

Contoh:

- ❖ Malaysia
- ❖ Indonesia
- ❖ Japan

8.0 DESCRIPTION OF CONTENT

8.1 Abstract

Masukkan abstrak sekiranya ada. Pilih **Other** di ruangan **language** sekiranya abstrak dalam Bahasa Melayu



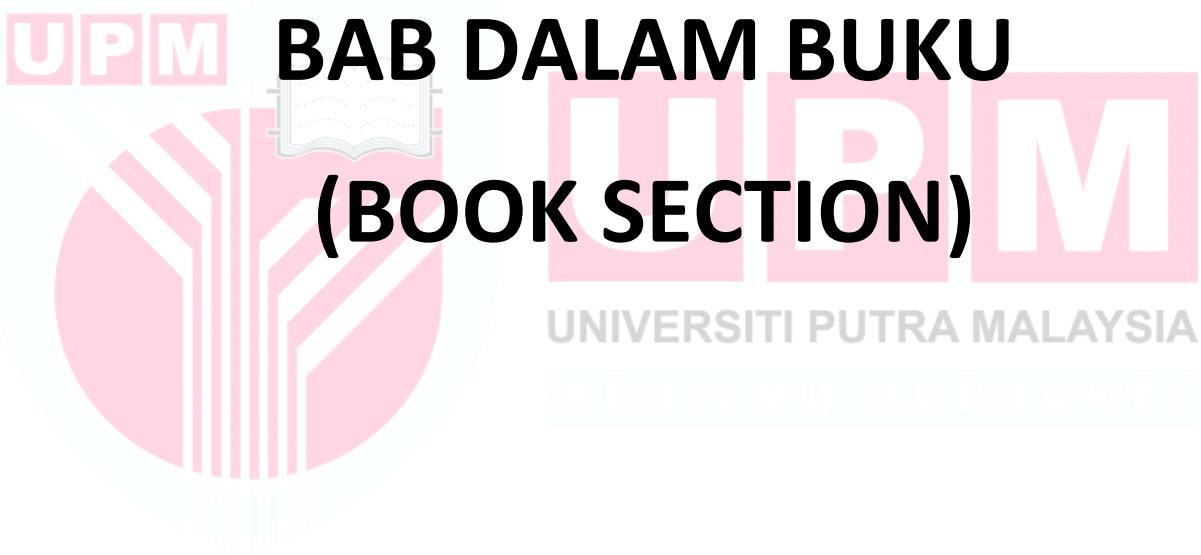
8.2 Notes

Masukkan maklumat tambahan bahan

Contoh:

- ❖ Available at Perpustakaan Sultan Abdul Samad, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia. TP360 S471 2009 Call Number.





BAB DALAM BUKU (BOOK SECTION)

Book Section (A major section of a book, complete in itself but related in theme to the rest of the book)

The screenshot shows the 'Describe' step of a submission process. The 'Select type of document' dropdown is set to 'Book Section'. The 'Creators' section shows a 'Personal Author' entry. The 'Title' section has a required field 'Title *'. The 'Alternative Titles' section has a required field 'Title *'. The 'Reference' section includes fields for 'Editors', 'Book Title *', 'Start Page', 'End Page', 'ISBN', 'Series Name', 'Publisher', and 'Place of Publication'. The 'Edition' field is set to 'e.g. 4th'. At the bottom right are 'Next >' and 'Stop' buttons.

1.0 SELECT TYPE OF DOCUMENT
Pilih Book Section

2.0 CREATORS

Masukkan nama pengarang perseorangan / institusi seperti berikut (klik add more untuk tambah nama pengarang):

2.1 Nama Orang Perseorangan (Personal Author)

Contoh:

- ❖ Wan Asma I.
- ❖ Siti Aishah Baharum
- ❖ Wilkinson, G.
- ❖ Wong, H. K.
- ❖ Sato, Kiyotaka
- ❖ Vimala Subramaniam

2.2 Nama Institusi (Corporate Author)

Contoh:

- ❖ Universiti Putra Malaysia
- ❖ Malaysian Agricultural Research And Development Institute (MARDI)

2.3 Editor

Contoh:

- ❖ Choo, Y M.
- ❖ Anis Mokhtar

3.0 TITLE INFORMATION

3.1 Title

Masukkan judul bahan termasuk sub judul. Pilih (**Other**) di ruangan bahasa (**languages**) untuk Bahasa Melayu.

Contoh:

- 
- ❖ Input and outputs estimation in agro-forestry: sentong (Azadirachta excels) and teak (Tectona grandis)
 - ❖ Membrane technology applications in environmental management
 - ❖ Environmental stewardship via environmental audit
 - ❖ Mining land rehabilitation

3.2 Alternative title (diisi oleh pustakawan)

Bagi bahan yang diterjemah masukkan judul alternatif dan pilih bahasa.

Contoh:

- ❖ Tumbuhan ubatan tempatan sebagai agen antidiabetik (judul asal)
- ❖ *Local medicinal plant as an antidiabetic agent* (judul alternatif)

4.0 REFERENCE

4.1 Editors

Contoh:

Last name	First name
H. C.	Ong
Tajuddin	Rosnah

4.2 Book Title

Contoh:

The forests and biodiversity of Selai Endau-Rompin

4.3 Start page –End Page – ISBN

Masukkan mukasurat bahan dan ISBN seperti berikut:

Start page	End page	ISBN
115	119	978-983-4219703

4.4 Full Citation

Contoh

- ❖ Agrobiodiversity in Malaysia II: conservation and sustainable utilization, p. 3-10

4.4 Publisher & Place of Publication

Masukkan nama penerbit dan tempat penerbitan seperti berikut:

Publisher	Place of Publication
University of Malaya	Kuala Lumpur, Malaysia

The screenshot shows a DSpace submission interface. At the top, there's a navigation bar with links for Home, My DSpace, Browse, Search, Language, Help, and About DSpace. The 'Describe' link is highlighted with a red circle. Below the navigation, the title 'Submit: Describe this Item' is displayed. A note says 'Please fill further information about this submission below. ([More Help...](#))'. The main form area has several sections: 'Links' (DOI of published version, Alternative Locations (URL), Data set (URL)), 'Characteristics' (Year of Publication, Refereed status), and 'Language' (checkboxes for English, French, Portuguese, German, Spanish, Ukrainian, Russian, Polish, Italian, Arabic, Japanese, Chinese, Other). At the bottom right are buttons for < Previous, Next >, and Stop.

5.0 LINKS

Masukkan pautan untuk teks penuh, jika ada.

5.1 DOI of published version

Contoh:

- ❖ 10.1016/j.iheduc.2003.11.004

5.2 Alternative Locations (URL)

Contoh:

- ❖ <http://www.uhasslet.be/seaweed.pdf>

6.0 CHARACTERISTICS

6.1 Year of Publication (Format: YYYY)

Masukkan tahun diterbitkan

Contoh:

- ❖ 2008

6.2 Refereed

Kenalpasti sama ada bahan telah dirujuk atau tidak

Contoh:

- ❖ Refereed
- ❖ Non Refereed

6.3 Language

Pilih bahasa bahan deposit. Pilih **Other** untuk bahan dalam Bahasa Melayu

Contoh:

✓ English

French

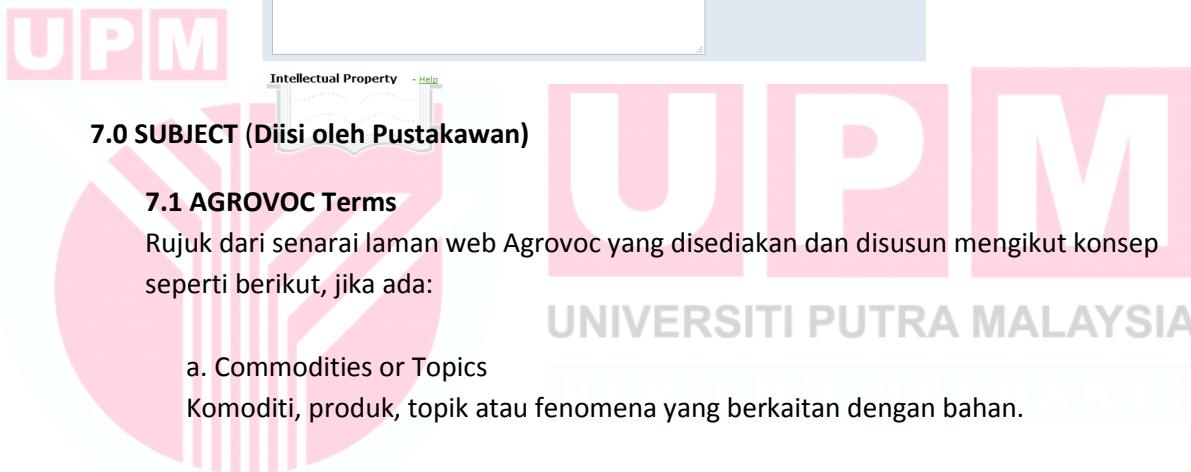
Japanese

Chinese

Other

Nota: medan yang bertanda * adalah wajib diisi (mandatori) seperti berikut:

- Title
- Book Title
- Year of Publication
- Refereed
- Language



Submit: Describe this Item

Please fill further information about this submission below. ([More Help...](#))

Subjects - [Help](#)
ASFA Terms
 Enter a (part of) the keyword and choose from the list/ See also at [ASFA website](#)
 English [Add More](#)

AGROVOC Terms
 Enter a (part of) the keyword and choose from the list/ See also at [Agrovoc website](#)
 English [Add More](#)

Free Keywords
 Enter here any keywords that will help searchers to find your deposit.
 English [Add More](#)

Geographical Terms
 Select the geographical terms your deposit covers.
 [Add More](#)

Description of Content - [Help](#)
Abstract
 Enter here the abstract, a short summary of the content of your deposit.
 English [Add More](#)

Notes
 Enter here any additional information about your deposit.
 English

Bibliography
 You are strongly encouraged to paste the citations present in your deposit into the box below.

Intellectual Property - [Help](#)

7.0 SUBJECT (Diisi oleh Pustakawan)

7.1 AGROVOC Terms

Rujuk dari senarai laman web Agrovoc yang disediakan dan disusun mengikut konsep seperti berikut, jika ada:

a. Commodities or Topics

Komoditi, produk, topik atau fenomena yang berkaitan dengan bahan.

b. Activities

Tindakan, operasi atau proses yang telah dijalankan

c. Agents

- Agen atau keadaan yang memberi kesan kepada aktiviti/topik.
- Teknik tertentu atau kaedah untuk mencapai tindakan tersebut.

d. Results

Keputusan ke atas aktiviti yang dilakukan.

7.2 Geographical Terms

Lokasi di mana kajian/liputan dibuat.

Contoh:

- ❖ Malaysia
- ❖ Indonesia

❖ Japan

7.0 DESCRIPTION OF CONTENT

8.1 Abstract

Masukkan abstrak sekiranya ada. Pilih **Other** di ruangan **language** sekiranya abstrak dalam Bahasa Melayu

8.2 Notes

Masukkan maklumat tambahan bahan deposit

Contoh:

- ❖ Available at Perpustakaan Sultan Abdul Samad, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia. TP360 S471 2009 Call Number.





BUKU
(BOOK)

UNIVERSITI PUTRA MALAYSIA
BERAKHIR BERAKU

The text "BUKU" and "(BOOK)" is displayed in large, bold, black capital letters. Below this, the university's name "UNIVERSITI PUTRA MALAYSIA" is written in a smaller, grey, sans-serif font. At the bottom, the phrase "BERAKHIR BERAKU" is visible in a very faint, light blue-grey font.

BUKU (BOOK)

BOOK (A non-periodical publication consisting of a substantial number of pages in one physical piece, usually written by a specialist in the field).

The screenshot shows the 'Describe' tab selected in a navigation bar. Below it, a green header bar says 'Submit: Describe this Item'. A note below the bar says: 'Please fill in the requested information about this submission below. In most browsers, you can use the tab key to move the cursor to the next input box or button, to save you having to use the mouse each time. (More Help...)'.

Select type of document: Book

Creators: Personal Author - Editor - Theses Advisor - Corporate Author
Enter the names of the creators (Format for a person: Jones, Jim)
Personal Author: [dropdown] Add More

Title: Title *
Enter the complete title of your deposit. Title and subtitle are divided by a double colon (:)
aaa English

Alternative Titles: Enter here the translation(s) of the title. English Add More

Reference: Number of Pages ISBN
Publisher Place of Publication

Series Name: English NS

Buttons: Next > Stop

1.0 SELECT TYPE OF DOCUMENT

Pilih **Book**. Bahan Prosiding (persidangan / conference / seminar / kongress / symposium / colloquium yang telah diterbitkan) diindeks sebagai buku.

2.0 CREATORS

2.1 Nama Orang Perseorangan (Personal Author)

Contoh:

- ❖ Wan Asma I.
- ❖ Siti Aishah Baharum
- ❖ Wilkinson, G.
- ❖ Wong, H. K.
- ❖ Sato, Kiyotaka
- ❖ Vimala Subramaniam

2.2 Nama Institusi (Corporate Author)

Contoh:

- ❖ Universiti Putra Malaysia
- ❖ Malaysian Agricultural Research And Development Institute (MARDI)

2.3 Editor

Contoh:

- ❖ Choo, Y M.
- ❖ Anis Mokhtar

3.0 TITLE INFORMATION

3.1 Title

Masukkan judul bahan termasuk sub judul. Pilih (**Other**) di ruangan bahasa (**languages**) untuk Bahasa Melayu.

Contoh:

- ❖ Acid sulfate soils in Malaysia
- ❖ Enhancing total factor productivity (TFP) in agro-based industry: company practices using Skim Amalan Ladang Baik Malaysia (SAKM)
- ❖ The forests and biodiversity of Selai Endau-Rompin
- ❖ Integrated environmental concepts: sustainable development, environmental management and ecological principles.

3.2 Alternative title (diisi oleh pustakawan)

Bagi bahan yang diterjemah masukkan judul alternatif dan pilih bahasa.

Contoh:

- ❖ Tumbuhan ubatan tempatan sebagai agen antidiabetik (judul asal)
- ❖ *Local medicinal plant as an antidiabetic agent* (judul alternatif)

4.0 REFERENCE

4.1 Number of pages & ISBN

Masukkan jumlah mukasurat dan ISBN

No. of page	ISBN
115	978-983-4219703

4.2 Publisher & Place of Publication

Masukkan nama penerbit dan tempat penerbitan seperti berikut:

Publisher	Place of Publication
University of Malaya	Kuala Lumpur, Malaysia

4.3 Series Name

Masukkan siri buku, jika ada.

Contoh:

- ❖ Prospek perniagaan agro
- ❖ Siri agro itu perniagaan

The screenshot shows the 'Describe' step of a DSpace item submission. The form fields include:

- DOI of published version:** A text input field.
- Alternative Locations (URL):** A text input field with an 'Add More' button.
- Data set(URL):** A text input field with an 'Add More' button.
- Characteristics:**
 - Year of Publication (format: YYYY):** A required text input field.
 - Refereed:** A dropdown menu with options 'Non-Refered' and 'Refered'.
 - Language:** A section to select languages, listing English, French, Portuguese, German, Spanish, Ukrainian, Russian, Polish, Italian, Arabic, Japanese, Chinese, and (Other).

5.0 LINKS

Masukkan pautan untuk teks penuh, jika ada.

5.1 DOI of published version

Contoh:

- ❖ 10.1016/j.iheduc.2003.11.004

5.2 Alternative Locations (URL)

Contoh:

- ❖ <http://www.uhasslet.be/seaweed.pdf>

6.0 CHARACTERISTICS

6.1 Year of Publication (Format: YYYY)

Masukkan tahun diterbitkan

Contoh:

- ❖ 2008

6.2 Refereed

Kenalpasti sama ada bahan telah dirujuk atau tidak

Contoh:

- ❖ Refereed
- ❖ Non Refereed

6.3 Language

Pilih bahasa bahan deposit. Pilih **Other** untuk bahan dalam Bahasa Melayu

Contoh:

- English
- French
- Japanese
- Chinese
- Other



Nota : medan yang bertanda * adalah wajib diisi (mandatory) seperti berikut:

- Title
- Year of Publication
- Refereed
- Language

Submit: Describe this Item

Please fill further information about this submission below. ([More Help...](#))

Subjects - [Help](#)
ASFA Terms
Enter a (part of) the keyword and choose from the list/ See also at [ASFA website](#)
 English

AGROVOC Terms
Enter a (part of) the keyword and choose from the list/ See also at [Agrovoc website](#)
 English

Free Keywords
Enter here any keywords that will help searchers to find your deposit.
 English

Geographical Terms
Select the geographical terms your deposit covers.

Description of Content - [Help](#)
Abstract
Enter here the abstract, a short summary of the content of your deposit.
 English

Notes
Enter here any additional information about your deposit.
 English

Bibliography
You are strongly encouraged to paste the citations present in your deposit into the box below.

UPM

7.0 SUBJECT (diisi oleh pustakawan)

7.1 AGROVOC Terms

Rujuk dari senarai laman web Agrovoc yang disediakan dan disusun mengikut konsep seperti berikut, jika ada:

UPM
UNIVERSITI PUTRA MALAYSIA

a. Commodities or Topics

Komoditi, produk, topik atau fenomena yang berkaitan dengan bahan.

b. Activities

Tindakan, operasi atau proses yang telah dijalankan

c. Agents

- Agen atau keadaan yang memberi kesan kepada aktiviti/topik.
- Teknik tertentu atau kaedah untuk mencapai tindakan tersebut.

d. Results

Keputusan ke atas aktiviti yang dilakukan.

Contoh:

- ❖ Biofuel
- ❖ Biomass
- ❖ Oil palm
- ❖ Food resources

7.2 Geographical Terms

Lokasi di mana kajian/liputan dibuat.

Contoh:

- ❖ Malaysia
- ❖ Indonesia
- ❖ Japan

8.0 DESCRIPTION OF CONTENT

8.1 Abstract

Masukkan abstrak sekiranya ada. Pilih **Other** di ruangan **language** sekiranya abstrak dalam Bahasa Melayu.

8.2 Notes

Masukkan maklumat tambahan bahan deposit.

Contoh:

- ❖ Available at Perpustakaan Sultan Abdul Samad, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia. TP360 S471 2009 Call Number.

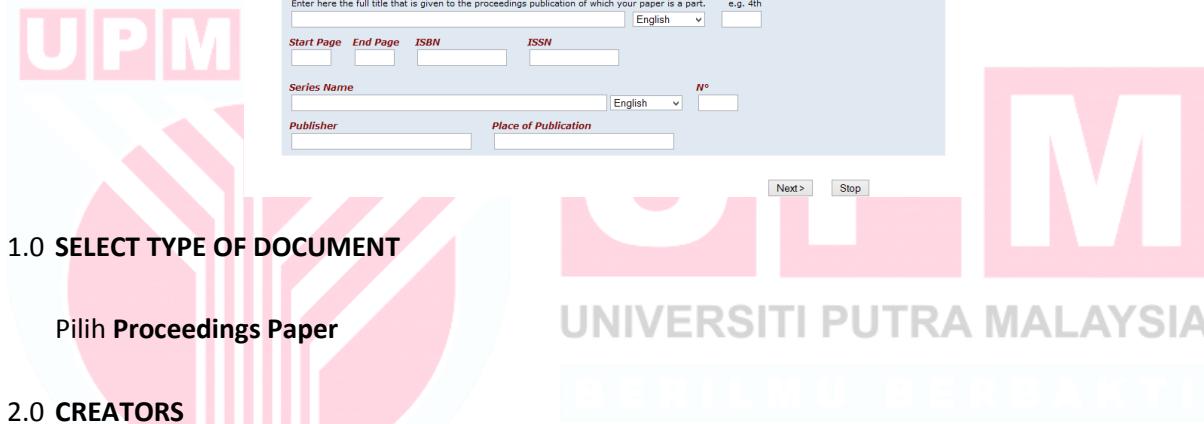
UNIVERSITI PUTRA MALAYSIA

BEST PRACTICE IN LIBRARIES



KERTAS PROSIDING (PROCEEDINGS PAPER)

PROCEEDINGS PAPER (The published record of a conference presentation paper published in the proceedings of the conference)



The form interface for a proceedings paper deposit. It includes sections for document type, creators, title, alternative titles, conference description, reference, and publication details.

Select type of document: Proceedings Paper

Creators: Personal Author, Theses Advisor, Corporate Author

Title: Title * (Enter the complete title of your deposit. Title and subtitle are divided by a double colon (:))

Alternative Titles: Enter here the translation(s) of the title.

Conference description: Conference Name * (Enter the full name of the conference.)

Reference: Editors (Last name, e.g. Smith), First name(s), e.g. Donald Jr

Proceedings Title: Edition (e.g. 4th)

Start Page: End Page: ISBN: ISSN:

Series Name: N°

Publisher: Place of Publication

Buttons: Next >, Stop

Section Labels:

- 1.0 SELECT TYPE OF DOCUMENT**
- Pilih Proceedings Paper**
- 2.0 CREATORS**
- 2.1 Nama Orang Perseorangan (Personal Author)**

Contoh:

- ❖ Wan Asma I.
- ❖ Siti Aishah Baharum
- ❖ Wilkinson, G.
- ❖ Wong, H. K.
- ❖ Sato, Kiyotaka
- ❖ Vimala Subramaniam

2.2 Nama Institusi (Corporate Author)

Contoh

- ❖ Universiti Putra Malaysia
- ❖ Malaysian Agricultural Research And Development Institute (MARDI)

2.3 Editor

Contoh:

- ❖ Choo, Y M.
- ❖ Anis Mokhtar

3.0 TITLE INFORMATION

4.2 Title

Masukkan judul bahan termasuk sub judul. Pilih (**Other**) di ruangan Bahasa (**languages**) untuk Bahasa Melayu.

Contoh:

- ❖ Biomass resources for second generation biofuels in Malaysia
- ❖ Medicinal plant resources from the forests of Peninsular Malaysia: issues and challenges
 - ❖ The use of microwave irradiation for the promotion and enhancement of chemical reactions: an overview
 - ❖ The impact of new IMO regulations on oleochemicals shipment

4.2 Alternative title (diisi oleh pustakawan)

Bagi bahan yang diterjemah masukkan judul alternatif dan pilih bahasa.

Contoh:

- ❖ Tumbuhan ubatan tempatan sebagai agen antidiabetik (judul asal)
- ❖ *Local medicinal plant as an antidiabetic agent* (judul alternatif)

4.0 CONFERENCE DESCRIPTION

4.1 Conference Name :

Masukkan nama penuh persidangan dan pilih language mengikut bahan

Contoh:

- ❖ Seminar on Biomass for Biofuels and Value-Added Products 2009: Towards Efficient Utilization of Biomass
- ❖ 4th National Seed Symposium
- ❖ National Conference on Agricultural Drainage
- ❖ National Symposium on Pulau Payar Marine Park
- ❖ 3rd International Conference on Plant Protection in the Tropics

4.2 Conference Place

Masukkan nama bandar, negeri dan negara seperti berikut:

- ❖ Serdang, Selangor (Malaysia)
- ❖ Kuala Lumpur (Malaysia)

4.3 Conference Date

Masukkan tarikh persidangan

Contoh:

- ❖ 21-24 May, 2011
- ❖ 1-3 Jul, 2013
- ❖ 28-30 Nov, 2014
- ❖ 31 Jan. – 2 Feb, 2015

5.0 REFERENCE

5.1 Editors

Contoh:

Last name	First name
Ibrahim	Wan Asma
Jalil	Rafidah
Bee Hoon	Tan

5.2 Proceedings Title

Contoh:

- ❖ Proceedings of the Seminar on Biomass for Biofuels and Value-Added Products 2009: Towards Efficient Utilization of Biomass

5.3 Full Citation

Contoh:

- ❖ Advances and Challenges in Biocomposites: Proceedings of the 8th Pacific Rim Bio-Based Composites Symposium: Kuala Lumpur (Malaysia), 20-23 Nov 2006, p. 128-131
- ❖ Proceedings of Oleo & Specialty Chemicals Conference: PILOC 2007: International Palm Oil Congress: Palm Oil: Empowering Change: Kuala Lumpur (Malaysia), 26-30 Aug 2007, p. 44-47

5.4 Start Page – End Page – ISBN - ISSN

Masukkan mukasurat, ISBN atau ISSN seperti berikut:

Start Page	End Page	ISBN	ISSN
1	9	978-967-5221-36-1	-

5.5 Series Name

Masukkan nama siri bagi penerbitan sekiranya ada.

Contoh:

- ❖ Aspects of Forestry

5.5 Publisher & Place of Publication

Contoh:

The screenshot shows a DSpace submission form. At the top, there's a navigation bar with links for Home, My DSpace, Browse, Search, Language, Help, and About DSpace. Below the navigation bar, there's a large green button labeled 'Describe'. The main form area has several sections:

- Publisher:** Forest Research Institute Malaysia
- Place of Publication:** Selangor, Malaysia
- Links:** A section for entering DOI of published version, alternative locations, and data sets.
- Characteristics:** A section for selecting the year of publication (format: YYYY) and indicating if the deposit was refereed (Non-Refereed selected).
- Language:** A section for selecting the language(s) of the deposit, with options for English, French, Portuguese, German, Spanish, Ukrainian, Russian, Polish, Italian, Arabic, Japanese, Chinese, and (Other).

At the bottom right of the form, there are buttons for < Previous, Next >, and Stop.

6.0 LINKS

Masukkan pautan untuk teks penuh, jika ada.

6.1 DOI of published version

Contoh:

- ❖ 10.1016/j.iheduc.2003.11.004

6.2 Alternative Locations (URL)

Contoh:

- ❖ <http://www.uhasslet.be/seaweed.pdf>

7.0 CHARACTERISTICS

7.1 Year of Publication (Format: YYYY)

Masukkan tahun diterbitkan

Contoh:

- ❖ 2008

7.2 Refereed

Kenalpasti sama ada bahan telah dirujuk atau tidak.

Contoh:

- ❖ Refereed
- ❖ Non Refereed

7.3 Language

Pilih bahasa bahan deposit. Pilih **Other** untuk bahan dalam Bahasa Melayu

Contoh:

✓ English

French

Japanese

Chinese

Other

Nota : medan yang bertanda * adalah wajib diisi (mandatori) seperti berikut:

- Title
- Conference Name
- Proceedings Title
- Year of Publication

- Refereed
- Language

Submit: Describe this Item

Please fill further information about this submission below. ([More Help...](#))

Subjects - [Help](#)

ASFA Terms
Enter a (part of) the keyword and choose from the list/ See also at [ASFA website](#)

AGROVOC Terms
Enter a (part of) the keyword and choose from the list/ See also at [agrovoc website](#)

Free Keywords
Enter here any keywords that will help searchers to find your deposit.

Geographical Terms
Select the geographical terms your deposit covers.

Description of Content - [Help](#)

Abstract
Enter here the abstract, a short summary of the content of your deposit.

Notes
Enter here any additional information about your deposit.

Bibliography
You are strongly encouraged to paste the citations present in your deposit into the box below.

Intellectual Property - [Help](#)

UNIVERSITI PUTRA MALAYSIA

8.0 SUBJECT (diisi oleh pustakawan)

8.1 AGROVOC Terms

Rujuk dari senarai laman web Agrovoc yang disediakan dan disusun mengikut konsep seperti berikut, jika ada:

a. Commodities or Topics

Komoditi, produk, topik atau fenomena yang berkaitan dengan bahan.

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Contoh:

- ❖ Biofuel
- ❖ Biomass
- ❖ Oil palm
- ❖ Food resources

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Contoh:

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9.0 DESCRIPTION OF CONTENT



9.1 Abstract

Masukkan abstrak sekiranya ada. Pilih **Other** di ruangan **language** sekiranya abstrak dalam Bahasa Melayu

9.2 Notes

Masukkan maklumat tambahan bahan deposit

Contoh:

- ❖ Available at Perpustakaan Sultan Abdul Samad, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia. TP360 S471 2009 Call Number



KERTAS PERSIDANGAN (CONFERENCE MATERIAL)

CONFERENCE MATERIAL (This term is here used for the different types of unpublished conference material. The published ones can be described with the template 'Proceedings paper')

Select type of document
Conference Material

Type - Help
Specified Type
Paper

Creators - Help
Personal Author - Editor - Theses Advisor - Corporate Author
Enter the names of the creators (Format for a person: Jones, Jim)
Personal Author Add More

Title - Help
Title *
Enter the complete title of your deposit. Title and subtitle are divided by a double colon (::)
aa English

Alternative Titles
Enter here the translation(s) of the title.
English Add More

Conference Description - Help
Conference Name *
Enter the full name of the conference.
aaa English

Conference Place Conference Date
Enter the place (City - State) of the conference. Enter the dates (Day(s)/month/year) of the conference.

Next > Stop

1.0 SELECT TYPE OF DOCUMENT

Pilih Conference Material

2.0 Type (Specified Type)

Pilih yang berkenaan.

- Paper:

The written record of a conference presentation, not yet published in the proceedings of the conference.

- Poster:

A poster is a visual description of a project on large sheet of paper, prepared for viewing by those attending a conference.

- Presentation:

The actual text and illustration/graphics presented at a conference, usually as a powerpoint.

- Other:

If you have a type of conference contribution not present in this list, you can use 'Other'.

3.0 CREATORS

3.1 Nama Orang Perseorangan (Personal Author)

Contoh:

- ❖ Wan Asma I.
- ❖ Siti Aishah Baharum
- ❖ Wilkinson, G.
- ❖ Wong, H. K.
- ❖ Sato, Kiyotaka
- ❖ Vimala Subramaniam

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3.3 Editor

Contoh:

- ❖ Choo, Y M.
- ❖ Anis Mokhtar

4.0 TITLE INFORMATION

4.1 Title

Masukkan judul bahan termasuk sub judul. Pilih (**Other**) di ruangan bahasa (**languages**) untuk Bahasa Melayu



Contoh:

- ❖ Isolation and characterization of polyphenoloxidase from guava (*Psidium guajava*)
- ❖ Medicinal plant resources from the forests of Peninsular Malaysia: issues and challenges
- ❖ The use of microwave irradiation for the promotion and enhancement of chemical reactions: an overview
- ❖ The impact of new IMO regulations on oleochemicals shipment

4.2 Alternative title

Bagi bahan yang diterjemah masukkan judul alternatif seperti berikut dan pilih bahasa.

Contoh:

- ❖ Tumbuhan ubatan tempatan sebagai agen antidiabetik (judul asal)
- ❖ *Local medicinal plant as an antidiabetic agent* (judul alternatif)

5.0 CONFERENCE DESCRIPTION

5.1 Conference Name

Masukkan nama penuh persidangan dan pilih bahasa mengikut bahan

Contoh:

- ❖ Seminar on Biomass for Biofuels and Value-Added Products 2009: Towards Efficient Utilization of Biomass
- ❖ 4th National Seed Symposium
- ❖ National Conference on Agricultural Drainage
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- ❖ Kuala Lumpur (Malaysia)

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Masukkan tarikh persidangan

Contoh:

- ❖ 21-24 May, 2011
- ❖ 1-3 Jul, 2013
- ❖ 28-30 Nov, 2014
- ❖ 31 Jan. – 2 Feb, 2015

5.4 Full citation

Contoh:

- ❖ 11th Malaysian Biochemical Society Conference: Selangor (Malaysia), 9-10 Sep 1985

[Home](#) [My DSpace](#) [Browse](#) [Search](#) [Language](#) [Help](#) [About DSpace](#)

Describe

Submit: Describe this Item

Please fill further information about this submission below. ([More Help...](#))

Links - [Help](#)

DOI of published version

Alternative Locations (URL)
 If your deposit is available from other sites, enter those URLs here.
 [Add More](#)

Data set(URL)
 If the data sets are electronically , enter those URLs here.
 [Add More](#)

Characteristics - [Help](#)

Year of Publication (format: YYYY) *

Refereed *
 Please indicate here if your deposit has been refereed.
 Non-Refereed

Language *
 Select the language(s) of your deposit.

<input type="checkbox"/> English	<input type="checkbox"/> Polish
<input type="checkbox"/> French	<input type="checkbox"/> Italian
<input type="checkbox"/> Portuguese	<input type="checkbox"/> Arabic
<input type="checkbox"/> German	<input type="checkbox"/> Japanese
<input type="checkbox"/> Spanish	<input type="checkbox"/> Chinese
<input type="checkbox"/> Ukrainian	<input type="checkbox"/> (Other)
<input type="checkbox"/> Russian	

[< Previous](#) | [Next >](#) | [Stop](#)

6.0 LINKS

Masukkan pautan untuk teks penuh, jika ada.



6.2 Alternative Locations (URL)

Contoh:

- ❖ <http://www.uhasslet.be/seaweed.pdf>

7.0 CHARACTERISTICS

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Contoh:

- ❖ Refereed
- ❖ Non Refereed

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Pilih bahasa bahan deposit. Pilih **Other** untuk bahan dalam Bahasa Melayu

Contoh:

✓ English

French

Japanese

Chinese

Other

Nota : medan yang bertanda * adalah wajib diisi (mandatori) seperti berikut:

- Title
- Conference Name
- Proceedings Title
- Year of Publication
- Refereed
- Language



(Describe) (Describe) (Describe) (Upload) (Verify) (Complete)

Submit: Describe this Item

Please fill further information about this submission below. ([More Help...](#))

Subjects - [Help](#)

ASFA Terms

Enter a (part of) the keyword and choose from the list/ See also at [ASFA website](#)

English

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...

Intellectual Property - [Help](#)

8.0 SUBJECT (diisi oleh pustakawan)

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- Agen atau keadaan yang memberi kesan kepada aktiviti/topik.
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- ❖ Biomass
- ❖ Oil palm
- ❖ Food resources

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- ❖ Japan

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9.2 Notes

Masukkan maklumat tambahan bahan deposit

Contoh:

- ❖ Available at Perpustakaan Sultan Abdul Samad, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia. TP360 S471 2009 Call Number



MENGEDIT & PENGESAHAN REKOD

1. Taip <http://www.agris.upm.edu.my:8080/dspace/>
2. Klik MyDspace

International Information System
for the Agricultural Science and Technology
(AGRIS)

My DSpace

Malaysian Agriculture Repository >

MALAYSIAN AGRIS DATABASE

Malaysian AGRIS is a database that contains bibliographic records of agricultural science and technology, including forestry, animal husbandry, fisheries, food science and environmental science; covering the geography, history, education, information development, economics, sociology, engineering and other related fields. The materials indexed in this database consists of journal articles, books, book chapters, monographs and conference papers published in Malaysia.

Beginning in April 1979, Perpustakaan Sultan Abdul Samad, UPM has been appointed as the National Center of AGRIS and responsible for collecting and documenting material in the field of agricultural science and technology in Malaysia and becomes a data provider to the FAO AGRIS database.

<http://agris.upm.edu.my:8080/oa/request?verb=Identify>

Search

Enter some text in the box below to search DSpace.

Recent Submissions

Title - Citation - Author(s)	Type
Oleochemical surfactant from marine hydrocarbon utilizing bacteria for ecofriendly removal of pollutant oil Proceedings of Oleo & Specialty Chemicals Conference: PIPOC 2007: International Palm Oil Congress: Palm Oil: Empowering Change. Kuala Lumpur (Malaysia), 26-30 Aug, 2007, p. 44-47. Deshmukh, Chitra; Titus, Susan	Proceedings Paper
Application of cationic surfactant derived from fatty acid methyl ester	Proceedings

3. Login

Masukkan e-mail address dan password

International Information System
for the Agricultural Science and Technology
(AGRIS)

Log In to DSpace

New user? [Click here to register.](#)

Please enter your e-mail address and password into the form below.

E-mail Address:

Password:

Have you forgotten your password?

Help...

FAO | UNESCO | IODE

D Space

4. Klik Control F dan taip judul bahan. Klik Take Task pada judul bahan yang hendak disemak

Submission	Effect of silicon on rice blast disease	Publications	Hussain	Take Task
Check Submission	Comparative sensory evaluation of soy protein isolates extracted from full-fat and defatted flours using natural and conventional synthetic extraction chemicals	Publications	HARIDAN	Take Task
Check Submission	Physical changes of lipid blends prepared from enzymatic interesterification of palm kernel oil - palm oil, and each with sunflower oil	Publications	Solehah Hussain	Take Task
Check Submission	Importance of ergonomics in a hot environment	Publications	BKK PSAS	Take Task
Check Submission	Suppression of basal stem rot disease progress in oil palm (<i>Elaeis guineensis</i>) after copper and calcium supplementation	Publications	Solehah Hussain	Take Task
Check Submission	Tocotrienols and other phytonutrients from palm oil inhibit the growth of human breast cancer cell lines	Publications	Solehah Hussain	Take Task
Check Submission	N2 fixation, plant growth enhancement and root-surface colonization by rhizobacteria in association with oil palm plantlets under <i>in vitro</i> conditions	Publications	BKK PSAS	Take Task
Check Submission	Delta-tocotrienol from Palm Tocotrienols Displayed Greater Anti-proliferative Effect in Human Umbilical Vein Endothelial Cells (HUVEC)	Publications	Solehah Hussain	Take Task
Check Submission	Interactions between native tree species and a dominant shrub <i>Rhodomyrtus tomentosa</i>	Publications	Solehah Hussain	Take Task
Check Submission	Accelerated and outdoor ageing of laminated veneer lumber and their correlations with strength and stiffness	Publications	Solehah Hussain	Take Task
Check Submission	Tumbuhan ubatan untuk merawat penyakit kurap	Publications	BKK PSAS	Take Task
Check Submission	Process development with bifunctional chiral epoxides to access single enantiomers of pharmaceutical intermediates	Publications	HARIDAN	Take Task

5. Klik Accept This Task

Title: Process development with bifunctional chiral epoxides to access single enantiomers of pharmaceutical intermediates

Authors: Masaya Ikuhara, Takeshi Sugai

Issue Date: 2007

Publisher: Malaysian Palm Oil Board

Citation: Proceedings of Oleo & Specialty Chemicals Conference : PIPOC 2007 ; palm oil : empowering change.: Kuala Lumpur, 2007, p. 88-114

Abstract: Two selected case studies on process development will be discussed: one is on the enantiocontrolled synthesis of (S)-J-hydroxytetradecanoic acid (2), an intermediate of ONO-4007 (1) possessing anti tumor activity, which employs terminally differentiated double homologation on (S)-epichlorohydrin (ECH) (1b). The other is on the enantioselective access to N-4-cyano-J-trifluoromethylphenyl (S)-2,J-dihydroxy2-methylpropanamide (5a), an intermediate of (R)-biscutamide (5b) exhibiting potent anti androgen activity, which starts with enantioconvergent preparation of (R)-J-benzoyloxy-2-methylpropane-1, 2-diol (4) from O-benzyl (±)-2-methylglycidol (1e) by the enantiocomplementary hydrolysis using *Bacillus subtilis* epoxide hydrolase (BSEH) and H2504 in sequence. In each case study, emphasis will be placed on how to select viable synthetic routes on the basis of availability of single enantiomers of chiral starting materials and preparative methods thereof. In the chemoenzymatic synthesis of (S)-5a, BSEH indispensable for building its quaternary stereogenic center is developed jinn scratch, which culminates in successjil over expression of its gene J'Om B. subtilis JCA110629 under the b?fluence of an amylase promoter and terminator of *B. amyloliqu~raciens* NBRC 15535 in an engineered strain of *B. subtilis* A11:2 defCtient in neutral protease.

License: <http://www.oceandocs.org/license>

Files in This Item:
There are no files associated with this item.

Buttons: Accept This Task (highlighted with a large black arrow), Cancel

6. Klik Edit Metadata

Repositories: UPM Institutional Repository
Search engines: Avans, Google Scholar, OAster, VOA3R
More information about AgriOcean Dspace at AIMS
License: <http://www.oceandocs.org/license>

(5b) exhibiting potent anti androgen activity, which starts with enantioconvergent preparation of (R)-1-benzyloxy-2-methylpropane-1, 2-diol (4) from O-benzyl (±)-2-methylglycidol (1) by the enantiocomplementary hydrolysis using *Bacillus subtilis* epoxide hydrolase (BSEH) and H2S04 in sequence. In each case study, emphasis will be placed on how to select viable synthetic routes on the basis of availability of single enantiomers of chiral starting materials and preparative methods thereof. In the chemoenzymatic synthesis of (S)-5a, BSEH indispensable for building its quaternary stereogenic center is developed from scratch, which culminates in success over expression of its gene j'Om B. *subtilis* JCA110629 under the influence of an amylase promoter and terminator of *B. amyloliquoracienus* NBRC 15535 in an engineered strain of *B. subtilis* A11:2 deficient in neutral protease.

If you have reviewed the item and it is suitable for inclusion in the collection, select "Approve". If you have reviewed the item and found it is **not** suitable for inclusion in the collection, select "Reject". You will then be asked to enter a message indicating why the item is unsuitable, and whether the submitter should change something and re-submit. Select this option to correct, amend or otherwise edit the item's metadata. If you wish to leave this task for now, and return to your "My DSpace", use this option. To return the task to the pool so that another user can perform the task, use this option.

Approve
Reject
Edit Metadata
Do Later
Return Task to Pool

7. Lakukan semakan dan edit metadata

International Information System for the Agricultural Science and Technology (AGRIS)

Home My DSpace Browse Search Language Help About DSpace

Describe Describe Describe Upload Verify

Submit: Describe this Item

Please fill in the requested information about this submission below. In most browsers, you can use the tab key to move the cursor to the next input box or button, to save you having to use the mouse each time. ([More Help...](#))

Select type of document
Proceedings Paper

Creators - Help
Personal Author - Editor - Theses Advisor - Corporate Author
Enter the names of the creators (Format for a person: Jones, Jim)
Personal Author ▾ Ikenaka, Masaya Remove This Entry
Personal Author ▾ Sugai, Takeshi Remove This Entry
Personal Author ▾ Add More

Title - Help
Title * Enter the complete title of your deposit. Title and subtitle are divided by a double colon (::)
Process development with bifunctional chiral epoxides to access single ena English

Alternative Titles
Enter here the translation(s) of the title.
English Add More

8. Klik skip file upload sekiranya tiada fail untuk dimuatnaik

**International Information System
for the Agricultural Science and Technology
(AGRIS)**

Home My DSpace Browse Search Language Help About DSpace

Describe Describe Describe Upload Verify

Submit: Upload a File

Please enter the name of the file on your local hard drive corresponding to your item. If you click "Browse...", a new window will appear in which you can locate and select the file on your local hard drive. [More Help...](#)

Please also note that the DSpace system is able to preserve the content of certain types of files better than other types.

[Information about file types and levels of support for each are available.](#)

Upload Queue

0 Files Uploaded

Upload

< Previous Next > Skip file upload Stop

9. Klik Next

**International Information System
for the Agricultural Science and Technology
(AGRIS)**

Home My DSpace Browse Search Language Help About DSpace

Describe Describe Describe Upload Verify

Submit: Verify Submission

Not quite there yet, but nearly!

Please spend a few minutes to examine what you've just submitted below. If anything is wrong, please go back and correct it by using the buttons next to the error, or by clicking on the progress bar at the top of the page. [More Help...](#)

If everything is OK, please click the "Next" button at the bottom of the page.

You can safely check the files which have been uploaded - a new window will be opened to display them.

Personal Author - Editor - Personal Author:Hambali, Eriza
Theses Advisor - Corporate Author Personal Author:Permadi, Puji
Personal Author:Pratomo, Agus
Personal Author:Suryani, Ani
Personal Author:Maria, Ria

Title * Palm oil-based MES as oil well stimulation agent

Alternative Titles None

Conference Name * Oleo & Specialty Chemicals Conference: PIPOC
2007: International Palm Oil Congress: Palm Oil:
Empowering Change

Conference Place Kuala Lumpur (Malaysia)

Conference Date 26-30 Aug, 2007

Editors None

Proceedings Title * Proceedings of Oleo & Specialty Chemicals

could be 1Mtpa. Similarly three world scale fatty alcohol plants are being invested, with at least six smaller local alcohol plants so that by end 2008, total capacity could be around 500Ktpa.
Corresponding investments in downstream manufacturing continues to grow in the area of surfactants and fatty amines & derivatives. With its large population and its rapidly growing demand for oleochemicals in Home & Personal Care markets, plus its industrial markets, it is expected that China will absorb much of this new oleochemical products opportunity for Malaysia to become an oleo-chemicals power is more likely for derivatives notably fatty amines and possibly fatty alcohols and surfactants.

Notes Available at Perpustakaan Sultan Abdul Samad, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia. TP684 P3I61 2007 Call Number

Bibliography None

Creative Commons License No Creative Commons License

Description of copyright None

Funders None

Uploaded Files: None

Edit File Details

< Previous Next > Stop

10. Klik Approve

stimulation agent within 10,000, 20,000 and 30,000 ppm salinity, the inter facial tension between oil and water was reduced to 10-4 dyne cm⁻¹. The total oil recovery with a 0.5 % concentration of palm oil-based MES stimulation agent was about 88 until 93.75%. However, the total oil recovery increased in the range of 90 to 98.88% by the injection of 1% palm oil-based MES stimulation agent into the core. Based on the results, palm oil-based MES surfactant can be effectively used as stimulation agent in real reservoir.

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Files in This Item:
There are no files associated with this item.

If you have reviewed the item and it is suitable for inclusion in the collection, select "Approve". If you have reviewed the item and found it is **not** suitable for inclusion in the collection, select "Reject". You will then be asked to enter a message indicating why the item is unsuitable, and whether the submitter should change something and re-submit. Select this option to correct, amend or otherwise edit the item's metadata. If you wish to leave this task for now, and return to your "My DSpace", use this option. To return the task to the pool so that another user can perform the task, use this option.

Approve
Reject
Edit Metadata
Do Later
Return Task to Pool

DSpace

11. Nombor handle akan dipaparkan seperti berikut:

International Information System
for the Agricultural Science and Technology
(AGRIS)

Home My DSpace Browse Search Language Help About DSpace

Logged in as agris@lib.upm.edu... ([Logout](#))

Communities in DSpace
Institute [8301]
Library [0]

Feeds [RSS 2.0](#) [ATOM FEED](#)

Contact:
Administrator

User Guide (Download)

Links:
[AGRIS \(FAO\)](#),
[AGRIS - ASEAN countries](#)
[Thailand](#),
[Indonesia](#),
[List of AGRIS Centers](#),

Repositories:
[UPM Institutional Repository](#)

Malaysian Agriculture Repository >
My DSpace >

Thank You

The submission has been placed in the main archive. It has been assigned the following identifier:
<http://agrism.upm.edu.my:8080/dspace/handle/0/6323>

Notification has been sent to the appropriate people.
[Return to My DSpace](#)

MEMASUKKAN NOMBOR ARN

- Pada skrin Home. Klik judul berkenaan di bawah Recent Submission

The screenshot shows the International Information System for the Agricultural Science and Technology (AGRIS) homepage. On the left, there's a sidebar with links like 'Communities in DSpace', 'Feeds', 'Contact', and 'User Guide (Download)'. The main content area has a green header 'MALAYSIAN AGRIS DATABASE'. Below it, there's a search bar and a 'Recent Submissions' section. One submission is highlighted: 'Detergents complex based on palm stearin' by Trivedi, S. N. The 'Edit...' button is circled with a red arrow. The background features large, semi-transparent 'UPM' and 'UNIVERSITI PUTRA MALAYSIA' logos.

2. Klik Edit

This screenshot shows the detailed view of the submission 'Detergents complex based on palm stearin'. At the top, it says 'Please use this identifier to cite or link to this item: http://agrism.upm.edu.my:8080/dspace/handle/0/8324'. Below that, the item details are listed: Title, Authors, Issue Date, Publisher, Citation, Abstract, License, and URI. The 'Edit...' button is circled with a red arrow. The background is the same as the previous screenshot.

3. Pada medan Add new dc field pilih dc.identifier ARN

The screenshot shows a DSpace item editor interface. At the top, there is a list of metadata fields with their values. Below this is a section titled "Add new dc field" with a dropdown menu set to "dc.identifier.arn". An arrow points to this dropdown. To the right of the dropdown is an "Add" button. At the bottom of the editor are "Update" and "Cancel" buttons. A note about bitstreams is visible. The background features the UPM and M ALAYSIA logos.

dc.date.accessioned 2015-01-19T03:19:55Z **language**
dc.date.available 2015-01-19T03:19:55Z **language**
dc.identifier.uri http://agris.upm.edu.my:8080/dspace/handle/0/8324 **language**
dc.description.provenance Submitted by HARIDAN (hariagris@gmail.com) **language**
dc.description.provenance Approved for entry into archive by BKK PSAS (agris@il) **language**
dc.description.provenance Made available in DSpace on 2015-01-19T03:19:55Z (en) **language**
dc.type.specified Article **language**

Add new dc field you can add any dc field for the item here
dc.identifier.arn **Add**

Bitstreams Note that if the "user format description" field isn't empty, the format will always be set to "Unknown", so clear the user format description before changing the format field.

Update Cancel

4. Masukkan nombor ARN seperti berikut dan klik Add

Contoh: MY2007050318

MY : Kod untuk Malaysia
2007 : Tahun bahan diinput
05 : Kod untuk PSAS
0318 : Nombor urutan

dc.date.accessioned **language**

dc.date.available **language**

dc.identifier.uri **language**

dc.description.provenance **language**

dc.description.provenance **language**

dc.description.provenance **language**

dc.type.specified **language**

Add new dc field you can add any dc field for the item here

Bitstreams Note that if the "user format description" field isn't empty, the format will always be set to "Unknown", so clear the user format description before changing the format field.

Other fields Other fields that are non empty and not in a form of current document type

dc.date.available **language**

dc.date.accessioned **language**

dc.description.provenance **language**

dc.description.provenance **language**

dc.description.provenance **language**

dc.contributor.author **language**

dc.identifier.url **language**

dc.type.specified **language**

dc.identifier.arn **language**

Add new dc field you can add any dc field for the item here

Bitstreams Note that if the "user format description" field isn't empty, the format will always be set to "Unknown", so clear the user format description before changing the format field.

5. Klik Update

dc.description.provenance **language**

dc.description.provenance **language**

dc.contributor.author **language**

dc.identifier.url **language**

dc.type.specified **language**

dc.identifier.arn **language**

Add new dc field you can add any dc field for the item here

Bitstreams Note that if the "user format description" field isn't empty, the format will always be set to "Unknown", so clear the user format description before changing the format field.

LAMPIRAN 1

BAHAN YANG TIDAK PERLU DIINDEKS

Bahan yang tidak perlu diindeks adalah;

- Pengenalan
- Ringkasan eksekutif
- Ringkasan
- Ucaptama
- Bahan yang sementara (maklumat bersifat sementara)
- Bahan terhad atau bahan sulit (kecuali mendapat kebenaran daripada pemilik bahan)
- Komentar pada pameran pertanian
- Perjanjian antara institusi
- Ulasan buku
- Kalender bagi penyelidikan, latihan dan program
- Buku teks untuk pendidikan menengah dan dalam teks umum mengenai sains asas
- Artikel berbentuk seperti iklan yang mempromosikan peralatan dan bekalan pertanian yang tidak memberi maklumat yang mendalam.
- Bahan dalam pelbagai bahasa (multilingual)
- Kertas persidangan yang dicetak semula (terutamanya jika dijangka prosiding persidangan akan diterbitkan dalam tempoh kira-kira 6 bulan)
- Bahan yang tidak asli atau bahan yang diterbitkan berulang-ulang dalam jurnal popular.
- Cetakan semula artikel jurnal (kebiasaannya salinan manuskrip diedarkan terlebih dahulu sebelum artikel asal diterbitkan di dalam media cetak)
- Artikel berbentuk nota pendek di mana isi kandungannya tidak kukuh termasuk:
 - artikel yang singkat pada keterangan taksonomi asal
 - satu kajian kes dalam perubatan veterinar
 - nota pada projek-projek yang sedang dijalankan
 - ringkasan tesis atau kertas kerja persidangan

LAMPIRAN 2**SENARAI JURNAL BER CETAK UNTUK PENGINDEKSAN AGRIS**

BIL.	TAJUK	PENERBIT	ISSN	NO. PANGGILAN
1.	Malaysian Journal of Nutrition	Nutrition Society of Malaysia	1995-2012	TX341 M236
2.	Planter	Incorporated Society of Planters	0126-575X	S17 P55
3.	Agromedia	Mardi	1511-094X	S493 A281
4.	Malaysian Naturalist / The Malaysian Nature Journal	Malayan Nature Society	0025-1291	QH1 M266
5.	Garden Asia	NRH Pub Sdn Bhd	1551-6557	SB4 G218
6.	Malesian Orchids Journal	Natural History Publications	1985-3912	SB409 A1M246

SENARAI JURNAL AKSES TERBUKA (OPEN ACCESS) UNTUK PENGINDEKSAN AGRIS

BIL	TAJUK	URL
1.	Asian Fisheries Science Journal	http://www.asianfisherriesociety.org/publication/index.php
2.	International Food Research Journal	http://www.ifrj.upm.edu.my/index.html
3.	International Journal of Biomass & Renewables	http://myjms.moe.gov.my/index.php/ijbr/index
4.	Journal of Agribusiness Marketing	http://www.fama.gov.my/journal-of-agribusiness-marketing#.VTnP2pP8ZFd
5.	Journal of Agrobiotechnology	https://journal.unisza.edu.my/agrobiotechnology/index.php/agrobiotechnology
6.	Journal of Energy and Environment	http://journal.uniten.edu.my/ojs3/index.php/jee/index
7.	Journal of Oil Palm Research (JOPR)	http://jopr.mpob.gov.my
8.	Journal of Rubber Research	http://rios.lgm.gov.my/cms/fedDigiJournalDetail.jsp?searchText=&selTab=digiCon&type=JRR&id=&issueYear=
9.	Journal of Sustainability Science and Management	http://jssm.umt.edu.my/
10.	Journal of Tropical Agriculture and Food Science	http://jtafs.mardi.gov.my/
11.	Journal of Tropical Biology and Conservation	https://www.ums.edu.my/ibtpv2/en/publication/journal
12.	Journal of Tropical Forest Science (JTFS)	https://www.jstor.org/journal/jtropforescie
13.	Journal of Tropical Plant Physiology	http://www.jtpp.org.my/
14.	Malaysian Journal of Animal Science	http://www.msap.my/mjas.php

BIL	TAJUK	URL
15.	Malaysian Journal of Nutrition	https://nutriweb.org.my/mjn/online-first.php
16.	Malaysian Journal of Soil Science	http://www.msss.com.my/mjss/
17.	Malaysian Journal of Veterinary Research	http://www.dvs.gov.my/index.php/pages/view/1550
18.	Pertanika Journals	http://www.pertanika.upm.edu.my/current_issues.php?jtype=1
19.	Journal of Wildlife and Parks	https://www.wildlife.gov.my/index.php/en/penerbitan/103-jurnal
20.	Jurnal Veterinar Malaysia	https://jvm.vam.org.my/jvm_issues/

Tarikh pautan disemak pada 7 September 2020

