



**PERPUSTAKAAN SULTAN ABDUL SAMAD**

# **PANDUAN PENGINDEKSAN AGRIS (EPrints 3)**

**(Tarikh kuatkuasa: 8 MAC 2024)**

---

## ISI KANDUNGAN

<b>PENGENALAN</b> .....	<b>1</b>
<b>CARA MEMASUKI MOD PENGINDEKSAN</b> .....	<b>2</b>
<b>PANDUAN METADATA</b> .....	<b>3</b>
<b>ARTIKEL (<i>ARTICLE</i>)</b> .....	<b>4</b>
1. <i>TITLE</i> .....	7
2. <i>CREATORS</i> .....	7
3. <i>PUBLICATION DETAILS</i> .....	8
4. <i>ADDITIONAL INFORMATION</i> .....	9
<b>BAB DALAM BUKU (<i>BOOK SECTION</i>)</b> .....	<b>10</b>
1. <i>TITLE</i> .....	13
2. <i>CREATORS</i> .....	14
3. <i>PUBLICATION DETAILS</i> .....	14
4. <i>ADDITIONAL INFORMATION</i> .....	16
<b>KERTAS PROSIDING (<i>PROCEEDINGS PAPER</i>)</b> .....	<b>17</b>
1. <i>TITLE</i> .....	21
2. <i>CREATORS</i> .....	21
3. <i>PUBLICATION DETAILS</i> .....	22
4. <i>EVENT DETAILS</i> .....	23
5. <i>ADDITIONAL INFORMATION</i> .....	24
<b>BAHAN PERSIDANGAN/ BENGKEL (<i>CONFERENCE OR WORKSHOP ITEM</i>)</b> .....	<b>25</b>
1. <i>TITLE</i> .....	28
2. <i>PRESENTATION TYPE</i> .....	29
3. <i>CREATORS</i> .....	29
4. <i>PUBLICATION DETAILS</i> .....	30
5. <i>EVENT DETAILS</i> .....	30

6. <b>ADDITIONAL INFORMATION</b> .....	31
<b>BUKU (BOOK)</b> .....	33
1. <b>TITLE</b> .....	36
2. <b>CREATORS</b> .....	37
3. <b>PUBLICATION DETAILS</b> .....	37
4. <b>ADDITIONAL INFORMATION</b> .....	39
<b>PENGEMASKINIAN REKOD</b> .....	40
<b>SEMAKAN REKOD DAN MEMASUKKAN AGROVOC</b> .....	44
<b>MEMASUKKAN NOMBOR ARN DAN PENGESAHAN REKOD</b> .....	50
<b>LAMPIRAN 1</b> .....	56
<b>LAMPIRAN 2</b> .....	57



## 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 474 institusi (*Agris Centers*) dari 153 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 EPrints 3 yang dibangunkan oleh School of Electronics and Computer Science, University of Southampton.

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://webagris.upm.edu.my/>
2. Klik **Login**- Masukkan **Username** dan **Password**.

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

Home About Browse

Login Create Account

Login

Please enter your username and password. If you have forgotten your password, you may reset it.

Username:

Password:  Login

Note: you must have cookies enabled.

Aggris UPM is powered by ePrints 3 which is developed by the School of Electronics and Computer Science at the University of Southampton. More information and software credits.

3. Klik **Manage deposits**.

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

Home About Browse

Logged in as Nor Hasnita Abdul Samat

Manage deposits Manage records Profile Saved searches Review Admin Logout

Manage deposits

New Item

Import from BibTeX Import

Displaying results 1 to 10 of 628. Show 10, 25 or 100 results per page. Show All

4. Skrin berikut dipaparkan dan klik

New Item

Manage deposits

New Item

Import from BibTeX Import

Displaying results 1 to 10 of 628. Show 10, 25 or 100 results per page. Show All

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Next

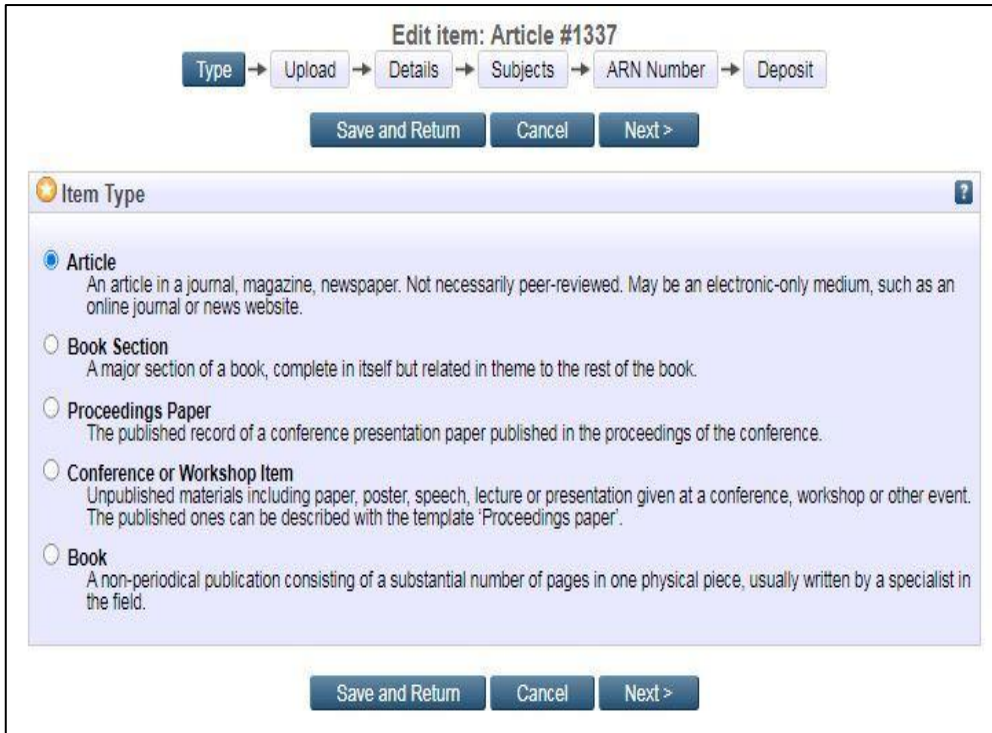
User Workarea  Under Review  Live Archive  Retired

Last Modified	Title	Item Type	Item Status
30 Oct 2023 02:23	Distinguishing hybrids of golden Thailand and Malaysian strains of climbing perch, <i>Anabas testudineus</i> (Bloch, 1792), using multivariate analyses of morpho-meristic traits	Article	Under Review
30 Oct 2023 02:07	Impact of fishing pressure on reproductive biology of mackerel scad, <i>Decapterus macarellus</i> (Cuvier, 1833) in Sulawesi Sea and Maluku Sea, Indonesia	Article	Under Review
30 Oct 2023 01:07	Nutritional evaluation of green mussel <i>perna viridis</i> (Linnaeus, 1758) and brown mussel <i>modiolus modioloides</i> (Röding, 1798) from Panay Island, Philippines	Article	Under Review
27 Oct 2023 08:44	Quality Changes in intermediate flying fish, <i>cheilopogon intermedius</i> parin, 1961, during ambient and ice storage	Article	Under Review
27 Oct 2023 04:12	A review of suckermouth armoured catfish (Siluriformes: Loricariidae) invasion, impacts and management: is its invasion a threat to Bangladesh's fisheries sector?	Article	Under Review
27 Oct 2023 03:36	Impact of COVID-19 pandemic on aquaculture production and profitability in Bangladesh: a comprehensive analysis	Article	Under Review
26 Oct 2023 08:24	Ancaman dan pemuliharaan serangga hutan	Book Section	Under Review
26 Oct 2023 08:21	Kepelbagaian serangga yang kurang dikenali	Book Section	Under Review
26 Oct 2023 08:18	Kepelbagaian serangga utama	Book Section	Under Review
26 Oct 2023 08:15	Kepentingan serangga hutan	Book Section	Under Review

## PANDUAN METADATA

### TEMPLATE

Pilih *template* mengikut jenis bahan yang hendak diindeks.



The screenshot shows a web interface for editing an item. At the top, it says "Edit item: Article #1337". Below this is a navigation bar with buttons: "Type" (highlighted), "Upload", "Details", "Subjects", "ARN Number", and "Deposit". Below the navigation bar are three buttons: "Save and Return", "Cancel", and "Next >".

The main content area is titled "Item Type" and contains a list of radio button options:

- Article**  
An article in a journal, magazine, newspaper. Not necessarily peer-reviewed. May be an electronic-only medium, such as an online journal or news website.
- Book Section**  
A major section of a book, complete in itself but related in theme to the rest of the book.
- Proceedings Paper**  
The published record of a conference presentation paper published in the proceedings of the conference.
- Conference or Workshop Item**  
Unpublished materials including paper, poster, speech, lecture or presentation given at a conference, workshop or other event. The published ones can be described with the template 'Proceedings paper'.
- Book**  
A non-periodical publication consisting of a substantial number of pages in one physical piece, usually written by a specialist in the field.

At the bottom of the "Item Type" section are three buttons: "Save and Return", "Cancel", and "Next >".

#### **Article:**

*An article in a journal, magazine, newspaper. Not necessarily peer-reviewed. May be an electronic-only medium, such as an online journal or news website.*

#### **Book section:**

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

#### **Proceedings paper:**

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

#### **Conference or workshop item:**

*Unpublished materials including paper, poster, speech, lecture or presentation given at a conference, workshop or other event. The published ones can be described with the template 'Proceedings paper'.*

#### **Book:**

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



**ARTIKEL  
(ARTICLE)**

**U P M**

UNIVERSITI PUTRA MALAYSIA

## ARTIKEL (ARTICLE)

Pilih *Article*

**Edit item: Article #1337**

Type → Upload → Details → Subjects → ARN Number → Deposit

**Save and Return**   **Cancel**   **Next >**

**Item Type** ?

- Article**  
An article in a journal, magazine, newspaper. Not necessarily peer-reviewed. May be an electronic-only medium, such as an online journal or news website.
- Book Section**  
A major section of a book, complete in itself but related in theme to the rest of the book.
- Proceedings Paper**  
The published record of a conference presentation paper published in the proceedings of the conference.
- Conference or Workshop Item**  
Unpublished materials including paper, poster, speech, lecture or presentation given at a conference, workshop or other event. The published ones can be described with the template 'Proceedings paper'.
- Book**  
A non-periodical publication consisting of a substantial number of pages in one physical piece, usually written by a specialist in the field.

**Save and Return**   **Cancel**   **Next >**

Klik **Next >**, skrin berikut dipaparkan.

**Edit item: Article #1337**

Type → **Upload** → Details → Subjects → ARN Number → Deposit

**< Previous**   **Save and Return**   **Cancel**   **Next >**

**Add a new document**

To upload a document to this repository, click the Browse button below to select the file and the Upload button to upload it to the archive. You may then add additional files to the document (such as images for HTML files) or upload more files to create additional documents.

You may wish to use the [SHERPA RoMEO](#) tool to verify publisher policies before depositing.

File	From URL
------	----------

**Choose File**   No file chosen

**< Previous**   **Save and Return**   **Cancel**   **Next >**



Klik [Next >](#) , sekiranya tiada fail untuk dimuatnaik, skrin berikut dipaparkan:

**Edit item: Article #1337**

Type → Upload → **Details** → Subjects → ARN Number → Deposit

[< Previous](#)   [Save and Return](#)   [Cancel](#)   [Next >](#)

---

**Title** ?

---

**Alternative Titles (Enter here the translation(s) of the title)** ?

---

**Abstract** ?

**Creators** ?

Creator Type	Family Name	Given Name / Initials	Email
1. UNSPECIFIED			
2. UNSPECIFIED			
3. UNSPECIFIED			
4. UNSPECIFIED			

[More input rows](#)

**Publication Details** ?

**Date:** Year:  Month:  Day:

**Official URL:**

**DOI / Identification Number:**

**Journal or Publication Title:**

**ISSN:**

**Publisher:**

**Language (Item):**

**Volume:**

**Number:**

**Issue:**

**Page Range:**  to

**Refereed:**  Yes, this version has been refereed.  
 No, this version has not been refereed.

**Related URLs:**   [More input rows](#)

---

**Additional Information**

[< Previous](#)   [Save and Return](#)   [Cancel](#)   [Next >](#)

## 1. TITLE

Masukkan judul bahan termasuk sub judul.

### Contoh:

- *Induced spawning of a river catfish Hemibagrus nemurus (Valenciennes, 1840)*
- *Insecticide resistance in Sitophilus zeamais Mots. and Rhizopertha dominica (F.) in Indonesia*

### Alternative Titles (diisi oleh Pustakawan)

Bahan dalam bahasa Melayu perlu diterjemahkan ke dalam bahasa Inggeris.

### Contoh:

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

### Abstract

Masukkan abstrak sekiranya ada.

## 2. CREATORS

Masukkan nama pengarang perseorangan / institusi seperti berikut.

### Nama Orang Perseorangan (Personal Author)

#### Contoh:

Creator Type	Family Name	Given Name	Email
Personal Author	Siti Aishah Baharum	.	
Personal Author	Wilkinson	G.	
Personal Author	Wong	H. K.	
Personal Author	Sato	Kiyotaka	
Personal Author	Vimala Subramaniam	.	

### Nama Institusi (Corporate Author)

#### Contoh:

Creator Type	Family Name	Given Name	Email
Corporate Author	Universiti Putra Malaysia	.	
Corporate Author	Malaysian Agricultural Research and Development Institute (MARDI)	.	

### Editor

#### Contoh:

Creator Type	Family Name	Given Name	Email
Editor	Choo	Y. M.	
Editor	Anis Mokhtar	.	

### Compiler

#### Contoh:

Creator Type	Family Name	Given Name	Email
Compiler	Choo	Y. M.	

\*Untuk *Creator/Editor/Compiler* berbangsa India yang berasal dari Malaysia masukkan nama seperti nama Melayu. Manakala Sabah/Sarawak yang taip lengkap, hendaklah dikekalkan. Contoh 'James anak Bachot' ditaip 'James Bachot'.

### 3. PUBLICATION DETAILS

**Date:**

Masukkan tahun bahan diterbitkan (Format: YYYY)

**Contoh:** 2022

**Official URL:**

Masukkan URL rasmi bahan.

**Contoh:**

<https://journal.unisza.edu.my/agrobiotechnology/index.php/agrobiotechnology/article/view/296/323>

**DOI/Identification Number:**

Masukkan pautan untuk teks penuh, jika ada.

**Contoh:**

<https://doi.org/10.37231/jab.2022.13.2.296>

**Journal or Publication Title:**

Masukkan judul jurnal/penerbitan.

**Contoh:**

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

**ISSN:**

**Contoh:**

- 1511-3701
- 0128-7702

**Language (Item):**

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

**Volume:**

Masukkan *volume* bahan.

**Number:**

Masukkan nombor bahan.

**Issue:**

Masukkan isu bahan.

**Page Range:**

Masukkan mukasurat awal dan akhir bahan.

**Contoh:**

Page Range:	<input type="text" value="4"/>	to	<input type="text" value="6"/>
-------------	--------------------------------	----	--------------------------------

**Refereed:**

Pilih *Yes, this version has been refereed* bagi bahan yang telah diterbitkan.

★ Refereed:	<input type="radio"/> Yes, this version has been refereed.
	<input type="radio"/> No, this version has not been refereed.

#### 4. ADDITIONAL INFORMATION


A screenshot of a web browser window titled 'Additional Information'. It features a large, empty rectangular text input field for providing extra details about the document.

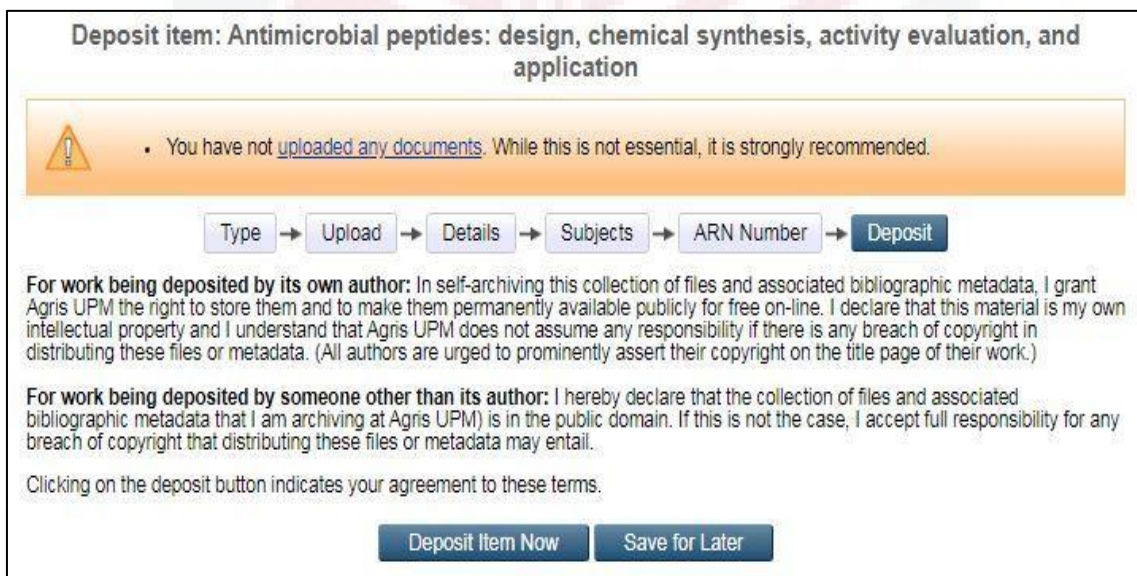
Masukkan maklumat tambahan bahan.

**Contoh:**

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

Nota : medan yang bertanda  adalah wajib diisi (mandatori ).

Klik  , skrin di bawah dipaparkan.

A screenshot of the 'Deposit item' confirmation screen. The title is 'Deposit item: Antimicrobial peptides: design, chemical synthesis, activity evaluation, and application'. A warning message states: 'You have not uploaded any documents. While this is not essential, it is strongly recommended.' Below this is a navigation bar with buttons for 'Type', 'Upload', 'Details', 'Subjects', 'ARN Number', and 'Deposit'. The 'Deposit' button is highlighted. Two paragraphs of terms and conditions are provided: one for authors and one for others. At the bottom, there are two buttons: 'Deposit Item Now' and 'Save for Later'.

Klik  untuk menamatkan proses pengindeksan.

UNIVERSITI PUTRA MALAYSIA

The logo of Universiti Putra Malaysia (UPM) is a shield-shaped emblem. It features a red and white design with a book at the top right and a stylized 'U' shape. The letters 'UPM' are written in white on a red background at the top left of the shield.

**BAB DALAM BUKU**  
***(BOOK SECTION)***

**U P M**

UNIVERSITI PUTRA MALAYSIA

## BAB DALAM BUKU (*BOOK SECTION*)

Pilih *Book Section*

The screenshot shows the 'Edit item: Book Section #1337' interface. At the top, a navigation bar includes buttons for 'Type', 'Upload', 'Details', 'Subjects', 'ARN Number', and 'Deposit'. Below this are 'Save and Return', 'Cancel', and 'Next >' buttons. The main content area is titled 'Item Type' and contains five radio button options: 'Article', 'Book Section', 'Proceedings Paper', 'Conference or Workshop Item', and 'Book'. The 'Book Section' option is selected and highlighted with a red rectangular box. Below the options are 'Save and Return', 'Cancel', and 'Next >' buttons.

Klik **Next >** , skrin berikut dipaparkan.

The screenshot shows the 'Edit item: Book Section #1337' interface at the 'Upload' step. The navigation bar now includes '< Previous', 'Save and Return', 'Cancel', and 'Next >' buttons. The main content area is titled 'Add a new document' and contains instructions for uploading a document. Below the instructions are two tabs: 'File' and 'From URL'. Under the 'File' tab, there is a 'Choose File' button and the text 'No file chosen'. Below the tabs are '< Previous', 'Save and Return', 'Cancel', and 'Next >' buttons.

UNIVERSITI PUTRA MALAYSIA

Klik **Next >** , sekiranya tiada fail untuk dimuatnaik, skrin berikut dipaparkan:

**Edit item: Book Section #1337**

Type → Upload → **Details** → Subjects → ARN Number → Deposit

**< Previous   Save and Return   Cancel   Next >**

---

**Title** ?

---

**Alternative Titles (Enter here the translation(s) of the title)** ?

---

**Abstract** ?

**Creators** ?

	Creator Type	Family Name	Given Name / Initials	Email	
1.	UNSPECIFIED ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>	▼
2.	UNSPECIFIED ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>	▼ ▲
3.	UNSPECIFIED ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>	▼ ▲
4.	UNSPECIFIED ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>	▼ ▲

**More input rows**

UNIVERSITI PUTRA MALAYSIA

+ **Publication Details**

Date:	Year: <input type="text"/> Month: <span>Unspecified</span> Day: <span>?</span>	?																								
Official URL:	<input type="text"/>	?																								
DOI / Identification Number:	<input type="text"/>	?																								
<span style="color: orange;">+</span> Book Title:	<input type="text"/>	?																								
Editors / Compilers:	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 30%; font-size: 0.8em;">Editor Type</th> <th style="width: 30%; font-size: 0.8em;">Family Name</th> <th style="width: 30%; font-size: 0.8em;">Given Name / Initials</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td><span>UNSPECIFIED</span> ▾</td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td style="text-align: center;">2.</td> <td><span>UNSPECIFIED</span> ▾</td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td style="text-align: center;">3.</td> <td><span>UNSPECIFIED</span> ▾</td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td style="text-align: center;">4.</td> <td><span>UNSPECIFIED</span> ▾</td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td colspan="4" style="text-align: center; padding-top: 5px;"><span style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">More input rows</span></td> </tr> </tbody> </table>		Editor Type	Family Name	Given Name / Initials	1.	<span>UNSPECIFIED</span> ▾	<input type="text"/>	<input type="text"/>	2.	<span>UNSPECIFIED</span> ▾	<input type="text"/>	<input type="text"/>	3.	<span>UNSPECIFIED</span> ▾	<input type="text"/>	<input type="text"/>	4.	<span>UNSPECIFIED</span> ▾	<input type="text"/>	<input type="text"/>	<span style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">More input rows</span>				?
	Editor Type	Family Name	Given Name / Initials																							
1.	<span>UNSPECIFIED</span> ▾	<input type="text"/>	<input type="text"/>																							
2.	<span>UNSPECIFIED</span> ▾	<input type="text"/>	<input type="text"/>																							
3.	<span>UNSPECIFIED</span> ▾	<input type="text"/>	<input type="text"/>																							
4.	<span>UNSPECIFIED</span> ▾	<input type="text"/>	<input type="text"/>																							
<span style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">More input rows</span>																										
Page Range:	4 to 6	?																								
Volume:	<input type="text"/>	?																								
Number:	<input type="text"/>	?																								
Edition:	<input type="text"/>	?																								
Place of Publication:	<input type="text"/>	?																								
<span style="color: orange;">+</span> Publisher:	<input type="text"/>	?																								
Series Name:	<input type="text"/>	?																								
ISBN:	<input type="text"/>	?																								
<span style="color: orange;">+</span> Language (Item):	<input type="text"/>	?																								
Related URLs:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"><input type="text"/></td> <td style="width: 30%; text-align: right; font-size: 0.8em;">URL Type</td> </tr> <tr> <td></td> <td style="text-align: right;"><span>UNSPECIFIED</span> ▾</td> </tr> </table>	<input type="text"/>	URL Type		<span>UNSPECIFIED</span> ▾	?																				
<input type="text"/>	URL Type																									
	<span>UNSPECIFIED</span> ▾																									
<span style="background-color: #0056b3; color: white; padding: 2px 5px; border-radius: 3px;">More input rows</span>																										

+ **Additional Information**

< Previous
Save and Return
Cancel
Next >

### 1. TITLE

Masukkan judul bahan termasuk sub judul.

- *Input and outputs estimation in agro-forestry: sentong (Azadirachta excels) and teak (Tectona grandis)*
- *Membrane technology applications in environmental management*

#### **Alternative Titles (diisi oleh Pustakawan)**

Bahan dalam bahasa Melayu perlu diterjemahkan ke dalam bahasa Inggeris.

#### **Contoh:**

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

#### **Abstract**

Masukkan abstrak sekiranya ada.



## 2. CREATORS

Masukkan nama pengarang perseorangan / institusi seperti berikut.

### Nama Orang Perseorangan (*Personal Author*)

Contoh:

Creator Type	Family Name	Given Name	Email
Personal Author	Siti Aishah Baharum	.	
Personal Author	Wilkinson	G.	
Personal Author	Wong	H. K.	
Personal Author	Sato	Kiyotaka	
Personal Author	Vimala Subramaniam	.	

### Nama Institusi (*Corporate Author*)

Contoh:

Creator Type	Family Name	Given Name	Email
Corporate Author	Universiti Putra Malaysia	.	
Corporate Author	Malaysian Agricultural Research and Development Institute (MARDI)	.	

### Editor

Contoh:

Creator Type	Family Name	Given Name	Email
Editor	Choo	Y. M.	
Editor	Anis Mokhtar	.	

### Compiler

Contoh:

Creator Type	Family Name	Given Name	Email
Compiler	Choo	Y. M.	

\*Untuk *Creator/Editor/Compiler* berbangsa India yang berasal dari Malaysia masukkan nama seperti nama Melayu. Manakala Sabah/Sarawak yang taip lengkap, hendaklah dikekalkan. Contoh 'James anak Bachot' ditaip 'James Bachot'.

## 3. PUBLICATION DETAILS

### Date:

Masukkan tahun bahan diterbitkan (Format: YYYY)

Contoh: 2022

### Official URL:

Masukkan pautan untuk teks penuh, jika ada.

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

### DOI of published version:

Masukkan pautan untuk teks penuh, jika ada.

Contoh: 10.1016/j.iheduc.2003.11.004

**Book Title:**

**Contoh:**

*The forests and biodiversity of Selai Endau-Rompin.*

**Editors/Compilers:**

Editor Type	Family Name	Given Name	Email
Compiler	Choo	Y. M.	

**Page Range:**

Masukkan mukasurat awal dan akhir bahan.

**Contoh:**

Page Range:	4	to	6
-------------	---	----	---

**Volume:**

Masukkan *volume* bahan.

**Number:**

Masukkan nombor bahan.

**Edition:**

Masukkan edisi bahan jika ada.

**Place of Publication:**

Masukkan tempat penerbitan seperti berikut:

**[Negeri][,][space][Negara]**

**Contoh:** Kuala Lumpur, Malaysia

**Publisher:**

Masukkan nama penerbit seperti berikut:

**Contoh:** University of Malaya

**Series Name:**

Masukkan siri buku, jika ada.

**Contoh:**

- Prospek Perniagaan Agro
- Siri Agro itu Perniagaan

**ISBN:**

Masukkan ISBN buku.

**Contoh:**

978-983-4219703

**Language (Item):**


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

**Refereed:**

Pilih *Yes, this version has been refereed* bagi bahan yang telah diterbitkan.

<input checked="" type="radio"/> <b>Refereed:</b>	<input type="radio"/> Yes, this version has been refereed.
	<input type="radio"/> No, this version has not been refereed.


#### 4. ADDITIONAL INFORMATION

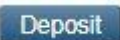
A screenshot of a web form titled "Additional Information". It features a large, empty text input area with a light blue border and a small icon in the top right corner.

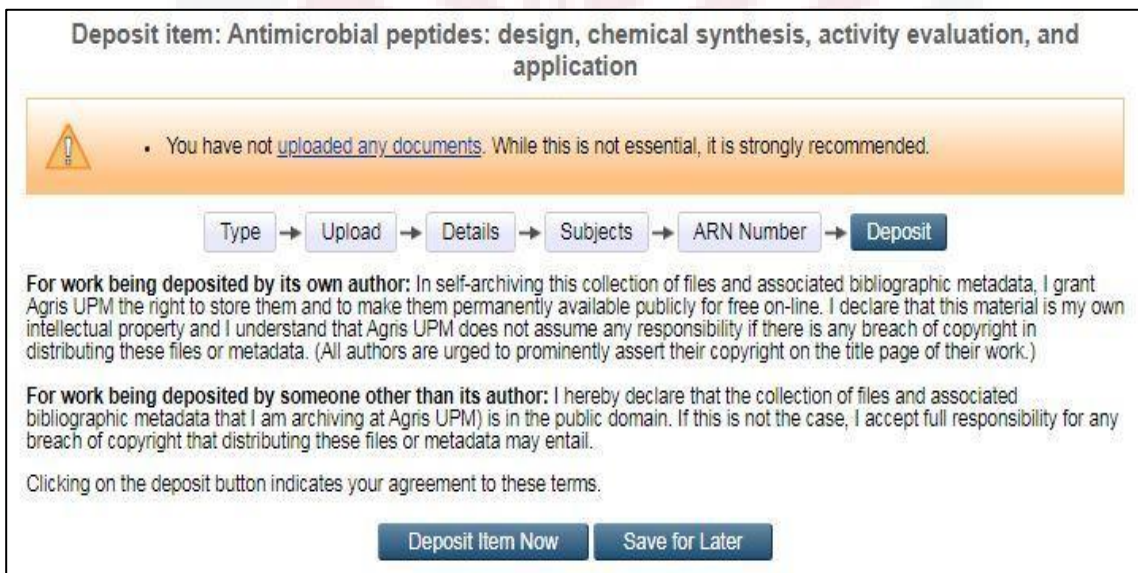
Masukkan maklumat tambahan bahan.


#### Contoh:

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

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

Klik  , skrin di bawah dipaparkan.

A screenshot of a web form titled "Deposit item: Antimicrobial peptides: design, chemical synthesis, activity evaluation, and application". The form has a yellow warning banner at the top that says "You have not uploaded any documents. While this is not essential, it is strongly recommended." Below the banner is a progress bar with buttons for "Type", "Upload", "Details", "Subjects", "ARN Number", and "Deposit". The "Deposit" button is highlighted in blue. Below the progress bar are two paragraphs of text: "For work being deposited by its own author: In self-archiving this collection of files and associated bibliographic metadata, I grant Agris UPM the right to store them and to make them permanently available publicly for free on-line. I declare that this material is my own intellectual property and I understand that Agris UPM does not assume any responsibility if there is any breach of copyright in distributing these files or metadata. (All authors are urged to prominently assert their copyright on the title page of their work.)" and "For work being deposited by someone other than its author: I hereby declare that the collection of files and associated bibliographic metadata that I am archiving at Agris UPM) is in the public domain. If this is not the case, I accept full responsibility for any breach of copyright that distributing these files or metadata may entail." Below the text is a note: "Clicking on the deposit button indicates your agreement to these terms." At the bottom of the form are two buttons: "Deposit Item Now" and "Save for Later".

Klik  untuk menamatkan proses pengindeksan.

The logo of Universiti Putra Malaysia (UPM) is a shield-shaped emblem. It features a red and white design with a book and a torch. The letters 'UPM' are prominently displayed at the top of the shield.

# **KERTAS PROSIDING (*PROCEEDINGS PAPER*)**

(*PROCEEDINGS PAPER*)

**U P M**

UNIVERSITI PUTRA MALAYSIA

## KERTAS PROSIDING (*PROCEEDINGS PAPER*)

Pilih *Proceedings Paper*

**Edit item: Proceedings Paper #1337**

Type → Upload → Details → Subjects → ARN Number → Deposit

Save and Return Cancel Next >

**Item Type** ?

- Article**  
An article in a journal, magazine, newspaper. Not necessarily peer-reviewed. May be an electronic-only medium, such as an online journal or news website.
- Book Section**  
A chapter or section in a book.
- Proceedings Paper**  
Insert the proceedings paper here.
- Conference or Workshop Item**  
A paper, poster, speech, lecture or presentation given at a conference, workshop or other event. If the conference item has been published in a journal or book then please use "Book Section" or "Article" instead.
- Book**  
A book or a conference volume.

Save and Return Cancel Next >

Klik **Next >** , skrin berikut dipaparkan.

**Edit item: Proceedings Paper #1337**

Type → Upload → Details → Subjects → ARN Number → Deposit

< Previous Save and Return Cancel Next >

**Add a new document**

To upload a document to this repository, click the Browse button below to select the file and the Upload button to upload it to the archive. You may then add additional files to the document (such as images for HTML files) or upload more files to create additional documents.

You may wish to use the [SHERPA RoMEO](#) tool to verify publisher policies before depositing.

File From URL

Choose File No file chosen

< Previous Save and Return Cancel Next >

Klik **Next >** sekiranya tiada fail untuk dimuatnaik, skrin berikut dipaparkan:

**Edit item: Proceedings Paper #1337**

Type → Upload → **Details** → Subjects → ARN Number → Deposit

**< Previous   Save and Return   Cancel   Next >**

---

**Title** ?

---

**Alternative Titles (Enter here the translation(s) of the title)** ?

---

**Abstract** ?

**Creators** ?

	Creator Type	Family Name	Given Name / Initials	Email
1.	UNSPECIFIED ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>
2.	UNSPECIFIED ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>
3.	UNSPECIFIED ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>
4.	UNSPECIFIED ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>

**More input rows**

UNIVERSITI PUTRA MALAYSIA

**Publication Details**

Date: Year:  Month:  Day:

Official URL:

DOI / Identification Number:

Place of Publication:

**Publisher:**

**Language (Item):**

**Proceedings Title:**

	Editor Type	Family Name	Given Name / Initials
1.	<input type="text" value="UNSPECIFIED"/>	<input type="text"/>	<input type="text"/>
2.	<input type="text" value="UNSPECIFIED"/>	<input type="text"/>	<input type="text"/>
3.	<input type="text" value="UNSPECIFIED"/>	<input type="text"/>	<input type="text"/>
4.	<input type="text" value="UNSPECIFIED"/>	<input type="text"/>	<input type="text"/>

Editors / Compilers:

Page Range:  to

Volume:

ISBN:

**Refereed:**  Yes, this version has been refereed.  
 No, this version has not been refereed.

Related URLs:

**Event Details**

**Conference Title:**

**Event Type:**  Conference  
 Workshop  
 Other

Conference Location:

**Language (Item):**

Conference Dates:

**Additional Information**

## 1. TITLE

Masukkan judul bahan termasuk sub judul.

### 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*

**Alternative Titles** (diisi oleh Pustakawan)

Bahan dalam bahasa Melayu perlu diterjemahkan ke dalam bahasa Inggeris.

### Contoh:

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

### Abstract:

Masukkan abstrak sekiranya ada.

## 2. CREATORS

Masukkan nama pengarang perseorangan / institusi seperti berikut.

### Nama Orang Perseorangan (*Personal Author*)

#### Contoh:

Creator Type	Family Name	Given Name	Email
Personal Author	Siti Aishah Baharum	.	
Personal Author	Wilkinson	G.	
Personal Author	Wong	H. K.	
Personal Author	Sato	Kiyotaka	
Personal Author	Vimala Subramaniam	.	

### Nama Institusi (*Corporate Author*)

#### Contoh:

Creator Type	Family Name	Given Name	Email
Corporate Author	Universiti Putra Malaysia	.	
Corporate Author	Malaysian Agricultural Research and Development Institute (MARDI)	.	

### Editor:

#### Contoh:

Creator Type	Family Name	Given Name	Email
Editor	Choo	Y. M.	
Editor	Anis Mokhtar	.	



**Compiler****Contoh:**

Creator Type	Family Name	Given Name	Email
Compiler	Choo	Y. M.	

\*Untuk *Creator/Editor/Compiler* berbangsa India yang berasal dari Malaysia masukkan nama seperti nama Melayu. Manakala Sabah/Sarawak yang taip lengkap, hendaklah dikekalkan. Contoh 'James anak Bachot' ditaip 'James Bachot'.

**3. PUBLICATION DETAILS****Date:**

Masukkan tahun bahan diterbitkan (Format: YYYY)

Contoh: 2022

**Official URL:**

Masukkan pautan untuk teks penuh, jika ada.

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

**DOI of published version:**

Masukkan pautan untuk teks penuh, jika ada.

Contoh: 10.1016/j.iheduc.2003.11.004

**Place of Publication:**

Masukkan tempat penerbitan seperti berikut:

**[Negeri][,][space][Negara]**

Contoh: Kuala Lumpur, Malaysia

**Publisher:**

Masukkan nama penerbit seperti berikut:

Contoh: Forest Research Institute Malaysia

**Language (Item):**

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

**Proceedings Title:****Contoh:**

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

**Editors/Compilers:**

Editor Type	Family Name	Given Name	Email
Compiler	Choo	Y. M.	

**Page Range:**

Masukkan mukasurat awal dan akhir bahan.

**Contoh:**

Page Range:  to

**Volume:**

Masukkan *volume* bahan.

**ISBN:**

Masukkan ISBN buku.

**Contoh:**

978-983-4219703

**Refereed:**

Pilih *Yes, this version has been refereed* bagi bahan yang telah diterbitkan.

**Refereed:**  Yes, this version has been refereed.  
 No, this version has not been refereed.

#### 4. EVENT DETAILS

**Conference Title:**

Masukkan nama penuh persidangan.

**Contoh:**

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

**Event type:**

**Event Type:**  Conference  
 Workshop  
 Other

Tandakan jenis acara yang berkaitan.

**Conference location:**

Masukkan nama bandar, negeri dan negara seperti berikut:

[Bandar][,][space][Negeri][()][Negara][()]

**Contoh:**

Serdang, Selangor (Malaysia)

Kuala Lumpur (Malaysia)

**Language (Item):**

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

**Conference Dates:**

Masukkan tarikh persidangan.

**Contoh:**

- 21-24 May, 2011
- 31 Jan. – 2 Feb, 2015


**5. ADDITIONAL INFORMATION**

A screenshot of a web form titled 'Additional Information'. It features a text input field with a small question mark icon in the top right corner.

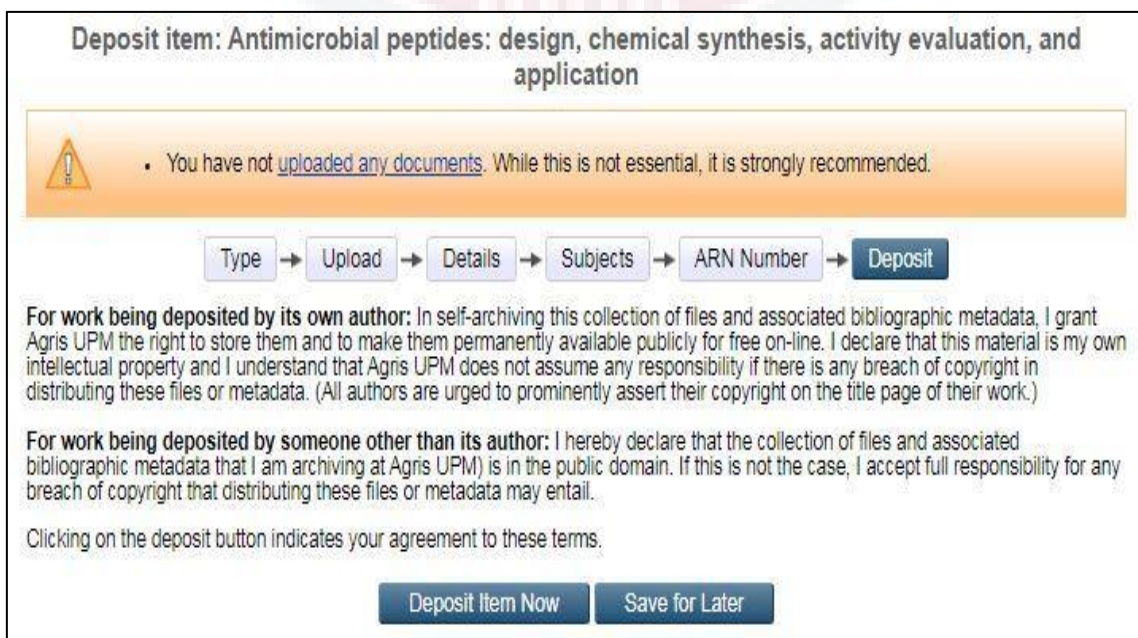
Masukkan maklumat tambahan bahan.


**Contoh:**

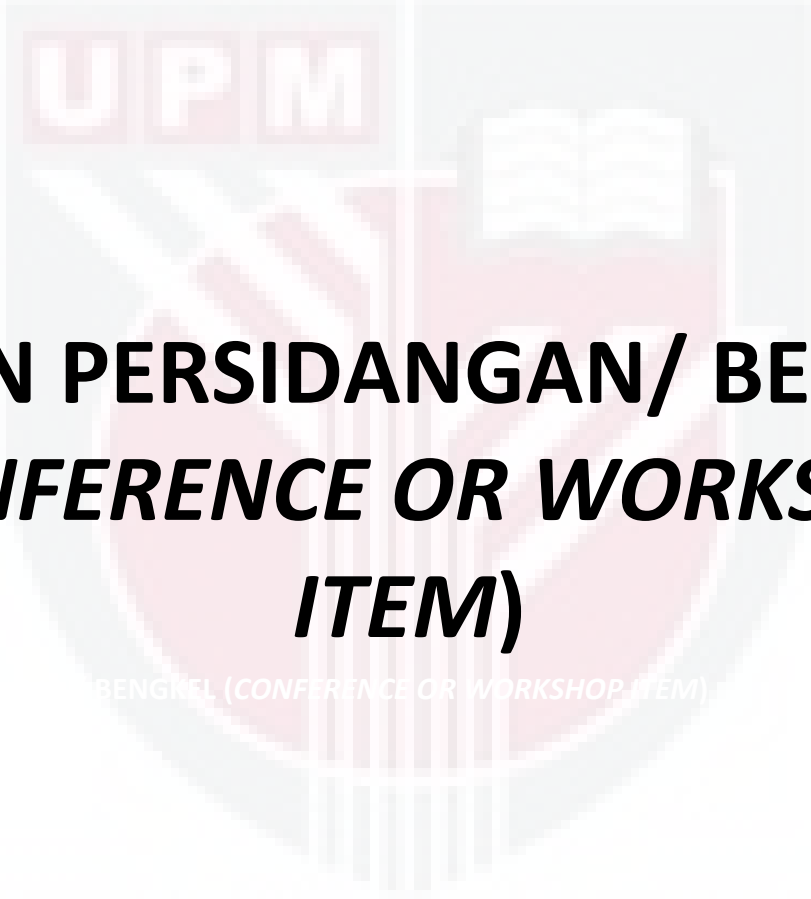
Available at Perpustakaan Sultan Abdul Samad, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia. Call Number TP360 S471 2009.

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

Klik , skrin di bawah dipaparkan.

A screenshot of a web interface for depositing an item. The title is 'Deposit item: Antimicrobial peptides: design, chemical synthesis, activity evaluation, and application'. Below the title is a warning message: 'You have not uploaded any documents. While this is not essential, it is strongly recommended.' A progress bar shows steps: Type, Upload, Details, Subjects, ARN Number, and Deposit. Below the progress bar are two paragraphs of terms and conditions. At the bottom are two buttons: 'Deposit Item Now' and 'Save for Later'.

Klik  untuk menamatkan proses pengindeksan.

The logo of Universiti Putra Malaysia (UPM) is centered in the background. It features a shield with a red and white diagonal design, a book, and the letters 'UPM' at the top.

# **BAHAN PERSIDANGAN/ BENGKEL (*CONFERENCE OR WORKSHOP ITEM*)**

BENGKEL (*CONFERENCE OR WORKSHOP ITEM*)

**U P M**

UNIVERSITI PUTRA MALAYSIA

## BAHAN PERSIDANGAN/BENKEL (CONFERENCE OR WORKSHOP ITEM)

Pilih *Conference or Workshop Item*

The screenshot shows the 'Edit item: Conference or Workshop Item #1337' interface. At the top, a navigation bar includes buttons for 'Type', 'Upload', 'Details', 'Subjects', 'ARN Number', and 'Deposit'. Below this are 'Save and Return', 'Cancel', and 'Next >' buttons. The main section is titled 'Item Type' and contains five radio button options: 'Article', 'Book Section', 'Proceedings Paper', 'Conference or Workshop Item', and 'Book'. The 'Conference or Workshop Item' option is selected and highlighted with a red rectangular border. Below the options are 'Save and Return', 'Cancel', and 'Next >' buttons.

Klik  skrin berikut dipaparkan.

The screenshot shows the 'Edit item: Conference or Workshop Item #1337' interface at the 'Upload' step. The navigation bar now includes '< Previous', 'Save and Return', 'Cancel', and 'Next >' buttons. The main section is titled 'Add a new document' and contains instructions for uploading files. Below the instructions is a 'Next >' button and a file selection area with 'File' and 'From URL' tabs. The 'File' tab is active, showing a 'Choose File' button and the text 'No file chosen'. At the bottom are '< Previous', 'Save and Return', 'Cancel', and 'Next >' buttons.

UNIVERSITI PUTRA MALAYSIA

Klik **Next >** sekiranya tiada fail untuk dimuatnaik, skrin berikut dipaparkan:

**Edit item: Conference or Workshop Item #1337**

Type → Upload → **Details** → Subjects → ARN Number → Deposit

< Previous   Save and Return   Cancel   Next >

**Title** ?

Alternative Titles (Enter here the translation(s) of the title) ?

**Abstract** ?

**Presentation Type** ?

Paper  
 Presentation  
 Poster  
 Other

**Creators** ?

	Creator Type	Family Name	Given Name / Initials	Email	
1.	UNSPECIFIED ▼				▼
2.	UNSPECIFIED ▼				▼ ▲
3.	UNSPECIFIED ▼				▼ ▲
4.	UNSPECIFIED ▼				▼ ▲

**More input rows**

Publication Details	
Date:	Year: <input type="text"/> Month: Unspecified ▼ Day: ? ▼ <span>?</span>
Official URL:	<input type="text"/> <span>?</span>
DOI / Identification Number:	<input type="text"/> <span>?</span>
Page Range:	4 <input type="text"/> to 6 <input type="text"/> <span>?</span>
Language (Item):	<input type="text"/> <span>?</span>
Refereed:	<input type="radio"/> Yes, this version has been refereed. <input type="radio"/> No, this version has not been refereed. <span>?</span>
Related URLs:	<input type="text"/> URL <input type="text"/> URL Type UNSPECIFIED ▼ <span>?</span> <input type="button" value="More input rows"/>

Event Details	
Conference Title:	<input type="text"/> <span>?</span>
Event Type:	<input type="radio"/> Conference <span>?</span> <input type="radio"/> Workshop <input type="radio"/> Other
Conference Location:	<input type="text"/> <span>?</span>
Language (Item):	<input type="text"/> <span>?</span>
Conference Dates:	<input type="text"/> <span>?</span>
+ Additional Information	
<input type="button" value=" &lt; Previous"/> <input type="button" value=" Save and Return"/> <input type="button" value=" Cancel"/> <input type="button" value=" Next &gt;"/>	

### 1. TITLE

Masukkan judul bahan termasuk sub judul.

**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

**Alternative Titles** (diisi oleh Pustakawan)

Bahan dalam bahasa Melayu perlu diterjemahkan ke dalam bahasa Inggeris.

**Contoh:**

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

**Abstract:**

Masukkan abstrak sekiranya ada.

**2. PRESENTATION TYPE**

Pilih jenis persembahan:

**Paper:**

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

**Presentation:**

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

**Poster:**

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

**Other:**

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

**3. CREATORS**

Masukkan nama pengarang perseorangan / institusi seperti berikut.

**Nama Orang Perseorangan (Personal Author)****Contoh:**

Creator Type	Family Name	Given Name	Email
Personal Author	Siti Aishah Baharum	.	
Personal Author	Wilkinson	G.	
Personal Author	Wong	H. K.	
Personal Author	Sato	Kiyotaka	
Personal Author	Vimala Subramaniam	.	

**Nama Institusi (Corporate Author)****Contoh:**

Creator Type	Family Name	Given Name	Email
Corporate Author	Universiti Putra Malaysia	.	
Corporate Author	Malaysian Agricultural Research and Development Institute (MARDI)	.	

**Editor****Contoh:**

Creator Type	Family Name	Given Name	Email
Editor	Choo	Y. M.	
Editor	Anis Mokhtar	.	



**Compiler**

**Contoh:**

Creator Type	Family Name	Given Name	Email
Compiler	Choo	Y. M.	

\*Untuk *Creator/Editor/Compiler* berbangsa India yang berasal dari Malaysia masukkan nama seperti nama Melayu. Manakala Sabah/Sarawak yang taip lengkap, hendaklah dikekalkan. Contoh 'James anak Bachot' ditaip 'James Bachot'.

**4. PUBLICATION DETAILS**

**Date:**

Masukkan tahun bahan diterbitkan (Format: YYYY)

Contoh: 2022

**Official URL:**

Masukkan pautan untuk teks penuh, jika ada.

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

**DOI of published version:**

Masukkan pautan untuk teks penuh, jika ada.

Contoh: 10.1016/j.iheduc.2003.11.004

**Language (Item):**

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

**Page Range:**

Masukkan mukasurat awal dan akhir bahan.

**Contoh:**

Page Range:	<input type="text" value="4"/>	to	<input type="text" value="6"/>
-------------	--------------------------------	----	--------------------------------

**5. EVENT DETAILS**

**Conference Title:**

Masukkan nama penuh persidangan.

**Contoh:**

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

**Event type:**

<input checked="" type="radio"/> Event Type:	<input type="radio"/> Conference
	<input type="radio"/> Workshop
	<input type="radio"/> Other

Tandakan jenis acara yang berkaitan.

**Conference Location:**

Masukkan nama bandar, negeri dan negara seperti berikut:

[Bandar][,][space][Negeri][([Negara])]

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

**Language (Item):**

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

**Conference Dates:**

Masukkan tarikh persidangan.

**Contoh:**

- 21-24 May, 2011
- 31 Jan. – 2 Feb, 2015


**6. ADDITIONAL INFORMATION**

Additional Information
<input type="text"/>

Masukkan maklumat tambahan bahan.


**Contoh:**

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

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

Klik **Deposit** , skrin di bawah dipaparkan.

**Deposit item: Antimicrobial peptides: design, chemical synthesis, activity evaluation, and application**

 • You have not [uploaded any documents](#). While this is not essential, it is strongly recommended.

Type → Upload → Details → Subjects → ARN Number → **Deposit**

**For work being deposited by its own author:** In self-archiving this collection of files and associated bibliographic metadata, I grant Agris UPM the right to store them and to make them permanently available publicly for free on-line. I declare that this material is my own intellectual property and I understand that Agris UPM does not assume any responsibility if there is any breach of copyright in distributing these files or metadata. (All authors are urged to prominently assert their copyright on the title page of their work.)

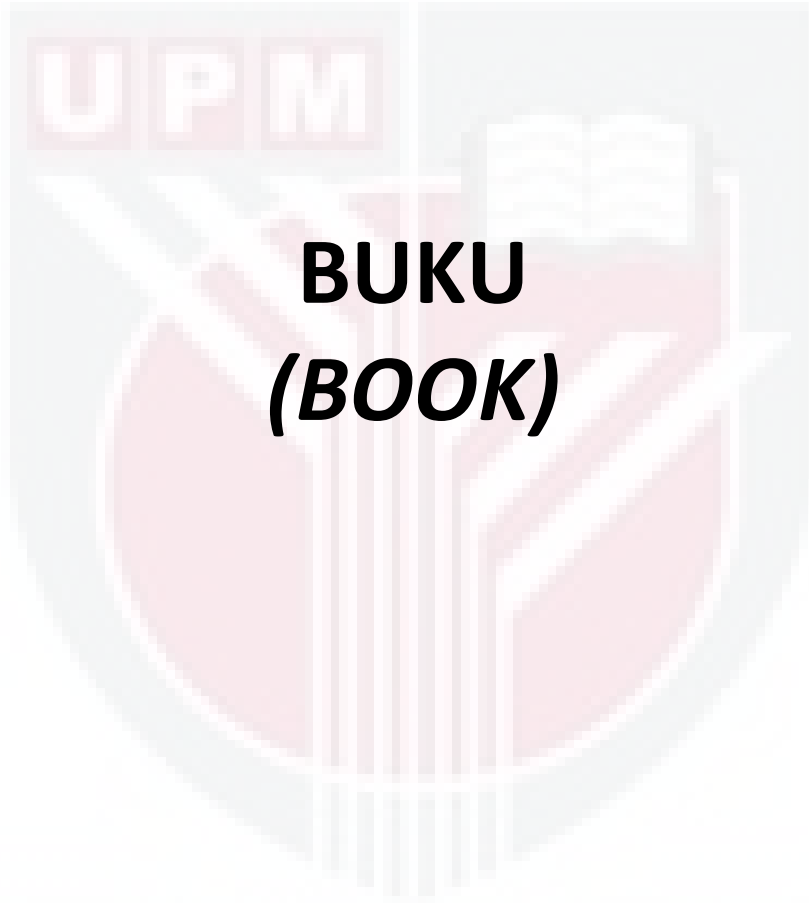
**For work being deposited by someone other than its author:** I hereby declare that the collection of files and associated bibliographic metadata that I am archiving at Agris UPM) is in the public domain. If this is not the case, I accept full responsibility for any breach of copyright that distributing these files or metadata may entail.

Clicking on the deposit button indicates your agreement to these terms.

**Deposit Item Now** **Save for Later**

Klik **Deposit Item Now** untuk menamatkan proses pengindeksan.





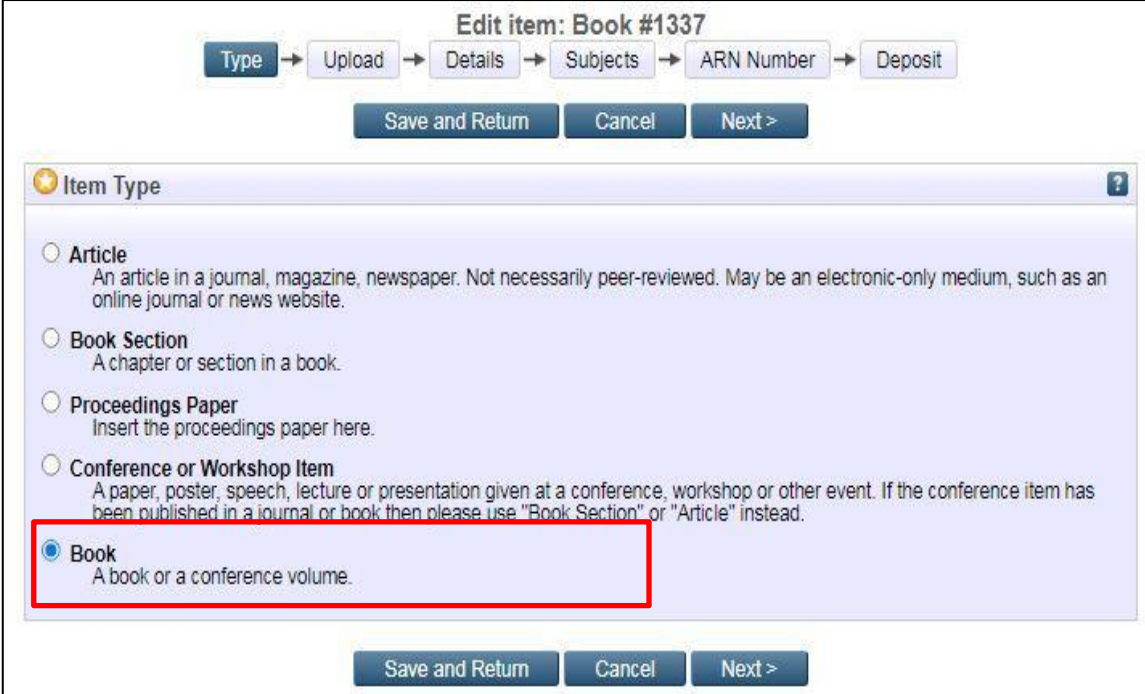
**BUKU  
(BOOK)**

**U P M**

UNIVERSITI PUTRA MALAYSIA

## BUKU (BOOK)

Pilih *Book*



**Edit item: Book #1337**

Type → Upload → Details → Subjects → ARN Number → Deposit

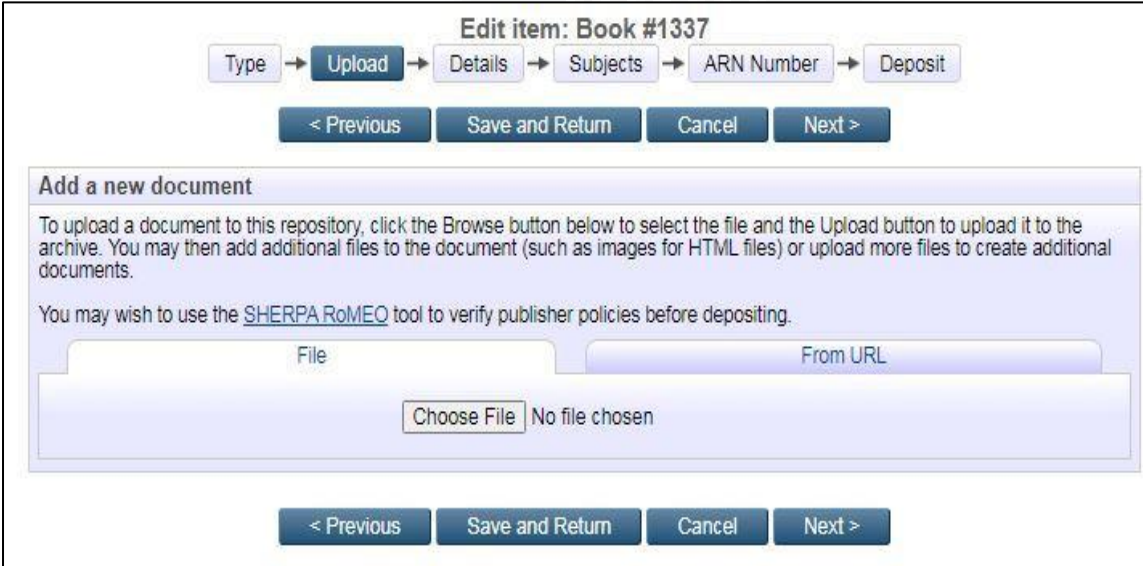
Save and Return Cancel Next >

**Item Type** ?

- Article**  
An article in a journal, magazine, newspaper. Not necessarily peer-reviewed. May be an electronic-only medium, such as an online journal or news website.
- Book Section**  
A chapter or section in a book.
- Proceedings Paper**  
Insert the proceedings paper here.
- Conference or Workshop Item**  
A paper, poster, speech, lecture or presentation given at a conference, workshop or other event. If the conference item has been published in a journal or book then please use "Book Section" or "Article" instead.
- Book**  
A book or a conference volume.

Save and Return Cancel Next >

klik **Next >** , skrin berikut dipaparkan.



**Edit item: Book #1337**

Type → Upload → Details → Subjects → ARN Number → Deposit

< Previous Save and Return Cancel Next >

**Add a new document**

To upload a document to this repository, click the Browse button below to select the file and the Upload button to upload it to the archive. You may then add additional files to the document (such as images for HTML files) or upload more files to create additional documents.

You may wish to use the [SHERPA RoMEO](#) tool to verify publisher policies before depositing.

File From URL

Choose File No file chosen

< Previous Save and Return Cancel Next >

Klik **Next >** sekiranya tiada fail untuk dimuatnaik, skrin berikut dipaparkan:

**Edit item: Book #1337**

Type → Upload → **Details** → Subjects → ARN Number → Deposit

**< Previous**   **Save and Return**   **Cancel**   **Next >**

---

**Title** ?

---

**Alternative Titles (Enter here the translation(s) of the title)** ?

---

**Abstract** ?

**Creators** ?

	Creator Type	Family Name	Given Name / Initials	Email
1.	UNSPECIFIED ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>
2.	UNSPECIFIED ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>
3.	UNSPECIFIED ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>
4.	UNSPECIFIED ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>

**More input rows**

UNIVERSITI PUTRA MALAYSIA

Publication Details	
Date:	Year: <input type="text"/> Month: Unspecified ▼ Day: ? ▼
Official URL:	<input type="text"/>
DOI / Identification Number:	<input type="text"/>
Place of Publication:	<input type="text"/>
Publisher:	<input type="text"/>
Number of Pages:	<input type="text"/>
Edition:	<input type="text"/>
Series Name:	<input type="text"/>
Volume:	<input type="text"/>
Number:	<input type="text"/>
ISBN:	<input type="text"/>
Language (Item):	<input type="text"/>
Refereed:	<input type="radio"/> Yes, this version has been refereed. <input type="radio"/> No, this version has not been refereed.
Related URLs:	URL <input type="text"/> URL Type UNSPECIFIED ▼ <input type="button" value="More input rows"/>

**+ Additional Information**

< Previous   Save and Return   Cancel   Next >

## 1. TITLE

Masukkan judul bahan termasuk sub judul.

### Contoh:

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

### Alternative Titles (diisi oleh Pustakawan)

Bahan dalam bahasa Melayu perlu diterjemahkan ke dalam bahasa Inggeris.

### Contoh:

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

**Abstract**

Masukkan abstrak sekiranya ada.

2. **CREATORS**

Masukkan nama pengarang perseorangan / institusi seperti berikut.

**Nama Orang Perseorangan (Personal Author)****Contoh:**

Creator Type	Family Name	Given Name	Email
Personal Author	Siti Aishah Baharum	.	
Personal Author	Wilkinson	G.	
Personal Author	Wong	H. K.	
Personal Author	Sato	Kiyotaka	
Personal Author	Vimala Subramaniam	.	

**Nama Institusi (Corporate Author)****Contoh:**

Creator Type	Family Name	Given Name	Email
Corporate Author	Universiti Putra Malaysia	.	
Corporate Author	Malaysian Agricultural Research and Development Institute (MARDI)	.	

**Editor****Contoh:**

Creator Type	Family Name	Given Name	Email
Editor	Choo	Y. M.	
Editor	Anis Mokhtar	.	

**Compiler****Contoh:**

Creator Type	Family Name	Given Name	Email
Compiler	Choo	Y. M.	

\*Untuk Creator/Editor/Compiler berbangsa India yang berasal dari Malaysia masukkan nama seperti nama Melayu. Manakala Sabah/Sarawak yang taip lengkap, hendaklah dikekalkan. Contoh 'James anak Bachot' ditaip 'James Bachot'.

3. **PUBLICATION DETAILS****Date:**

Masukkan tahun bahan diterbitkan (Format: YYYY)

**Contoh:** 2022

**Official URL:**

Masukkan pautan untuk teks penuh, jika ada.

**Contoh:** <http://www.uhasslet.be/seaweed.pdf>



**DOI of published version:**

Masukkan pautan untuk teks penuh, jika ada.

**Contoh:** 10.1016/j.iheduc.2003.11.004

**Place of Publication:**

Masukkan tempat penerbitan seperti berikut:

**[Negeri][,][space][Negara]**

**Contoh:** Kuala Lumpur, Malaysia

**Publisher:**

Masukkan nama penerbit seperti berikut:

**Contoh:** University of Malaya

**Number of pages:**

Masukkan jumlah mukasurat.

**Contoh:** 115

**Edition:**

Masukkan edisi bahan jika ada.

**Series Name:**

Masukkan siri buku, jika ada.

**Contoh:**

- Prospek Perniagaan Agro
- Siri Agro itu Perniagaan

**Volume:**

Masukkan *volume* bahan.

**Number:**

Masukkan nombor bahan.

**ISBN:**

Masukkan ISBN buku.

**Contoh:**

978-983-4219703

**Language (Item):**

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

**Refereed:**

Pilih *Yes, this version has been refereed* bagi bahan yang telah diterbitkan.

★ **Refereed:**

Yes, this version has been refereed.

No, this version has not been refereed.


4. **ADDITIONAL INFORMATION**


A screenshot of a web form titled "Additional Information". It features a blue header bar with the title and a small question mark icon. Below the header is a large, empty white text input area.

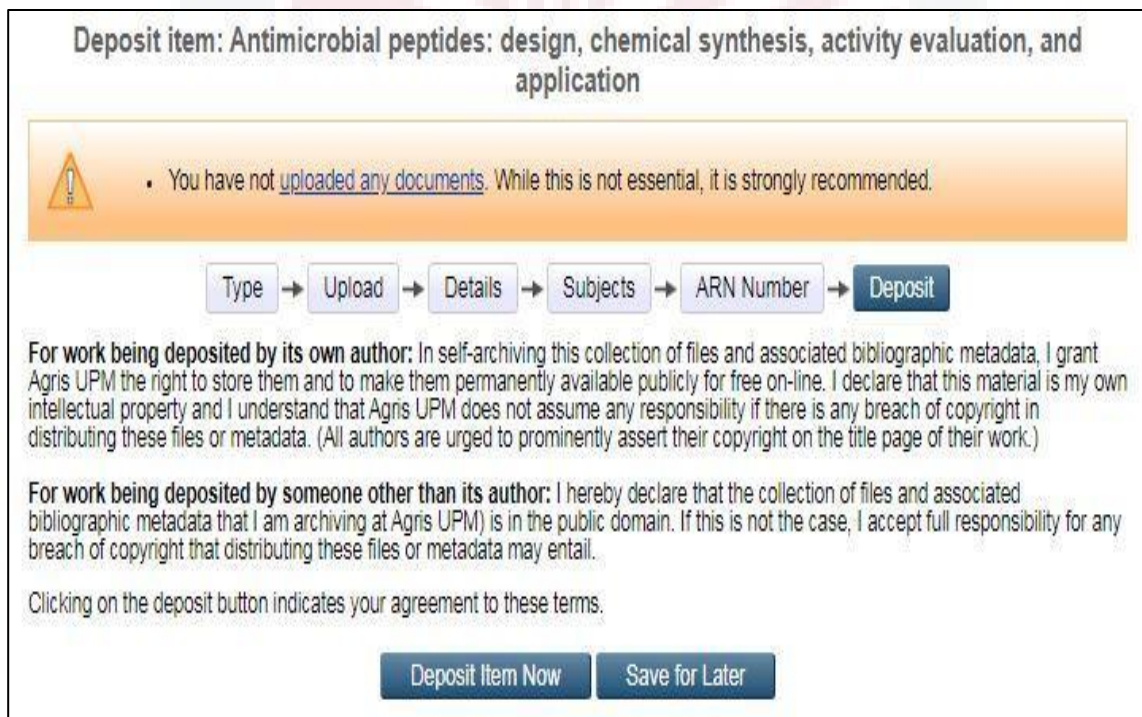
Masukkan maklumat tambahan bahan.


**Contoh:**

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

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

Klik  . skrin di bawah dipaparkan.

A screenshot of a web page for depositing an item. The title is "Deposit item: Antimicrobial peptides: design, chemical synthesis, activity evaluation, and application". Below the title is a yellow warning box with a triangle icon and the text: "You have not [uploaded any documents](#). While this is not essential, it is strongly recommended." Below the warning box is a horizontal navigation bar with buttons for "Type", "Upload", "Details", "Subjects", "ARN Number", and "Deposit". The "Deposit" button is highlighted in blue. Below the navigation bar are two paragraphs of text: "For work being deposited by its own author: In self-archiving this collection of files and associated bibliographic metadata, I grant Agris UPM the right to store them and to make them permanently available publicly for free on-line. I declare that this material is my own intellectual property and I understand that Agris UPM does not assume any responsibility if there is any breach of copyright in distributing these files or metadata. (All authors are urged to prominently assert their copyright on the title page of their work.)" and "For work being deposited by someone other than its author: I hereby declare that the collection of files and associated bibliographic metadata that I am archiving at Agris UPM) is in the public domain. If this is not the case, I accept full responsibility for any breach of copyright that distributing these files or metadata may entail." Below the text is a note: "Clicking on the deposit button indicates your agreement to these terms." At the bottom are two buttons: "Deposit Item Now" and "Save for Later".

Klik  untuk menamatkan proses pengindeksan.

The logo of Universiti Putra Malaysia (UPM) is a shield-shaped emblem. It features a red and white design with a book and a torch. The letters 'UPM' are visible in the top left corner of the shield.

# **PENGEMASKINIAN REKOD**

**U P M**

UNIVERSITI PUTRA MALAYSIA



## PENGEMASKINIAN REKOD

1. Taip <http://webagris.upm.edu.my/>
2. Klik **Login**- Masukkan **Username** dan **Password**

3. Klik **Manage deposits**.

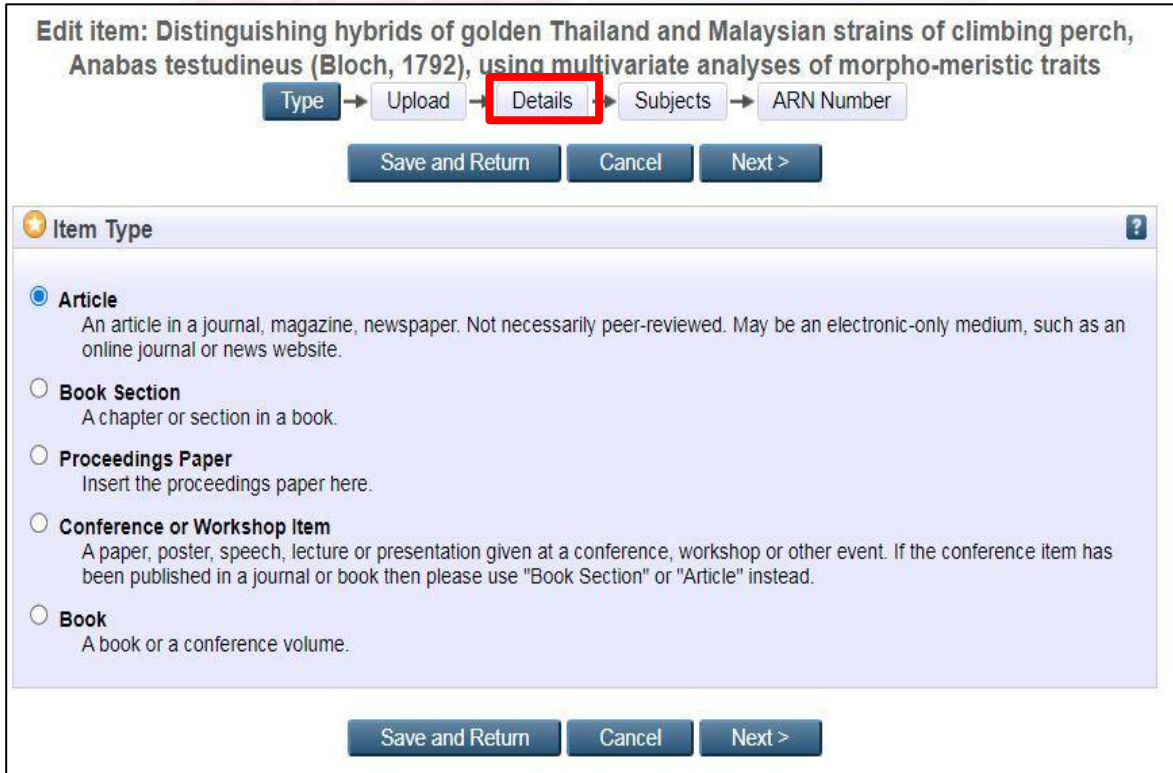
Skrin berikut dipaparkan.

Last Modified	Title	Item Type	Item Status	
30 Oct 2023 02:23	Distinguishing hybrids of golden Thailand and Malaysian strains of climbing perch, <i>Anabas testudineus</i> (Bloch, 1792), using multivariate analyses of morpho-meristic traits	Article	Under Review	
30 Oct 2023 02:07	Impact of fishing pressure on reproductive biology of mackerel scad, <i>Decapterus macarellus</i> (Cuvier, 1833) in Sulawesi Sea and Maluku Sea, Indonesia	Article	Under Review	
30 Oct 2023 01:07	Nutritional evaluation of green mussel <i>perna viridis</i> (Linnaeus, 1758) and brown mussel <i>modiolus modulaides</i> (Roding, 1798) from Panay Island, Philippines	Article	Under Review	
27 Oct 2023 08:44	Quality Changes in intermediate flying fish, cheilopogon <i>intermedius</i> parin, 1961, during ambient and ice storage	Article	Under Review	
27 Oct 2023 04:12	A review of suckermouth armoured catfish (Siluriformes: Loricariidae) invasion, impacts and management: is its invasion a threat to Bangladesh's fisheries sector?	Article	Under Review	
27 Oct 2023 03:36	Impact of COVID-19 pandemic on aquaculture production and profitability in Bangladesh: a comprehensive analysis	Article	Under Review	
26 Oct 2023 08:24	Ancaman dan pemuliharaan serangga hutan	Book Section	Under Review	
26 Oct 2023 08:21	Kepelbagaian serangga yang kurang dikenali	Book Section	Under Review	
26 Oct 2023 08:18	Kepelbagaian serangga utama	Book Section	Under Review	
26 Oct 2023 08:15	Kepentingan serangga hutan	Book Section	Under Review	

4. Klik **Show All** dan **Ctrl F**. Taip judul bahan yang hendak disemak/dikemaskini. Klik   pada judul bahan tersebut.

5. Klik pada tab yang hendak dikemaskini.

Contoh:



**Edit item: Distinguishing hybrids of golden Thailand and Malaysian strains of climbing perch, Anabas testudineus (Bloch, 1792), using multivariate analyses of morpho-meristic traits**

Type → Upload → **Details** → Subjects → ARN Number

Save and Return Cancel Next >

**Item Type** ?

- Article**  
An article in a journal, magazine, newspaper. Not necessarily peer-reviewed. May be an electronic-only medium, such as an online journal or news website.
- Book Section**  
A chapter or section in a book.
- Proceedings Paper**  
Insert the proceedings paper here.
- Conference or Workshop Item**  
A paper, poster, speech, lecture or presentation given at a conference, workshop or other event. If the conference item has been published in a journal or book then please use "Book Section" or "Article" instead.
- Book**  
A book or a conference volume.

Save and Return Cancel Next >



6. Lakukan semakan/kemaskini metadata dan klik

Save and Return

Publication Details	
Date:	Year: <input type="text" value="2023"/> Month: <input type="text" value="Unspecified"/> Day: <input type="text" value="?"/>
Official URL:	<input type="text" value="http://www.asianfisheriessociety.org/publication/downloadfile.php?id=142"/>
DOI / Identification Number:	<input type="text"/>
Journal or Publication Title:	<input type="text" value="Asian Fisheries Science Journal (Malaysia)"/>
ISSN:	<input type="text" value="2073-3720"/>
Publisher:	<input type="text" value="Asian Fisheries Society"/>
Language (Item):	<input type="text" value="English"/>
Volume:	<input type="text" value="36"/>
Number:	<input type="text"/>
Issue:	<input type="text" value="3"/>
Page Range:	<input type="text" value="171"/> to <input type="text" value="181"/>
Refereed:	<input checked="" type="radio"/> Yes, this version has been refereed. <input type="radio"/> No, this version has not been refereed.
Related URLs:	<input type="text" value="URL"/> <input type="text" value="URL Type"/> UNSPECIFIED <input type="text"/>
<input type="button" value="More input rows"/>	
Additional Information	
<input type="button" value=" &lt; Previous"/> <input type="button" value=" Save and Return"/> <input type="button" value=" Cancel"/> <input type="button" value=" Next &gt;"/>	



The logo of Universiti Putra Malaysia (UPM) is centered in the background. It features a shield with a red and white design, including a book and a torch. The letters 'UPM' are visible in the top left corner of the shield.

**SEMAKAN REKOD  
DAN  
MEMASUKKAN *AGROVOC***

**U P M**

UNIVERSITI PUTRA MALAYSIA

## SEMAKAN REKOD DAN MEMASUKKAN AGROVOC

1. Taip <http://webagris.upm.edu.my/>
2. Klik **Login**- Masukkan **Username** dan **Password**

UPM UNIVERSITI PUTRA MALAYSIA BERILMU BERBAKTI

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

Home About Browse

Login | Create Account

Search

## Login

Please enter your username and password. If you have forgotten your password, you may [reset](#) it.

Username:

Password:

Note: you must have cookies enabled.

Agris UPM is powered by [ePrints 3](#) which is developed by the [School of Electronics and Computer Science](#) at the University of Southampton. [More information and software credits.](#)

eprints

3. Skrin berikut dipaparkan, klik **Admin**.

UPM UNIVERSITI PUTRA MALAYSIA BERILMU BERBAKTI

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

Home About Browse

Manage deposits | Logged in as Ms. Azian Edawati Zakaria | Manage records | Profile | Saved searches | Review | **Admin** | Logout

Search

## Manage deposits

Help

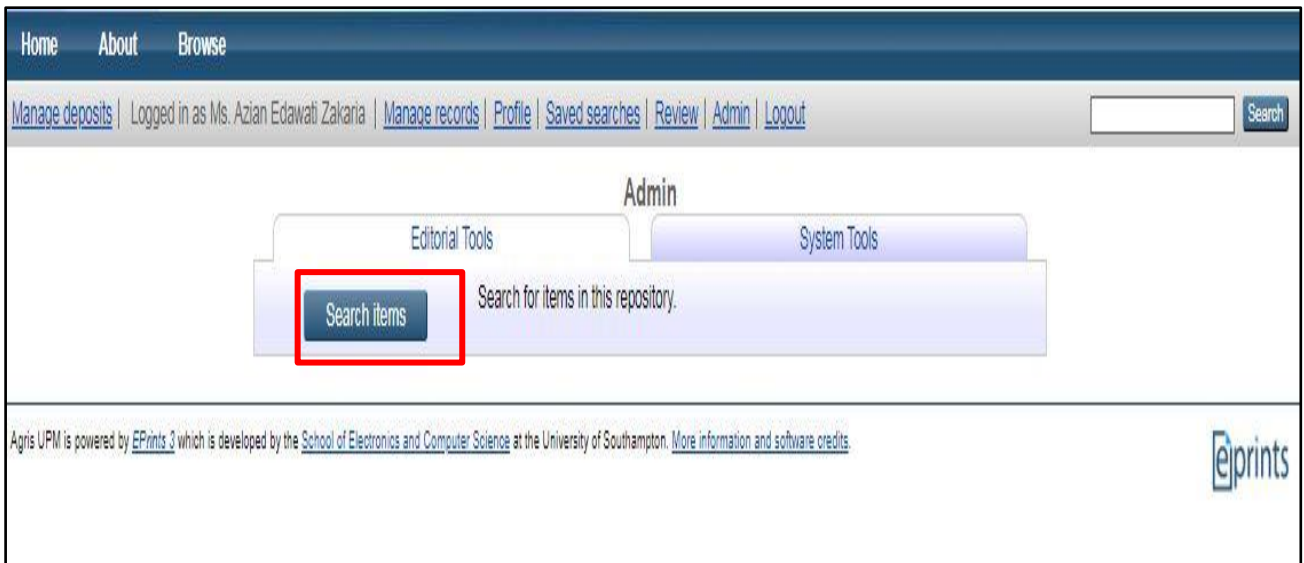
Import from: BibTeX

User Workarea  Under Review  Live Archive  Retired.

Last Modified	Title	Item Type	Item Status	ARN Number
30 Jan 2024 07:52	UNSPECIFIED	Article	User Workarea	UNSPECIFIED



4. Skrin berikut dipaparkan, klik **Search items** pada tab **Editorial Tools**.



5. Skrin berikut dipaparkan, masukkan judul bahan dalam ruang **Title** dan klik



The screenshot shows the 'Search items' form. The title is 'Search items'. Below the title are two buttons: 'Search' and 'Reset the form'. The form contains several input fields and checkboxes:

- Item ID: [input field]
- Username: [input field]
- Name: all of [dropdown] [input field]
- Item Status:  User Workarea,  Under Review,  Live Archive,  Retired
- Directory: all of [dropdown] [input field]
- Documents: all of [dropdown] [input field]
- Title: all of [dropdown] [input field containing 'Local cocoa as an ingredient in selected food proc']
- Creators: all of [dropdown] [input field]
- Abstract: all of [dropdown] [input field]
- Date: [input field]
- Uncontrolled Keywords: all of [dropdown] [input field]

6. Klik pada judul yang dipaparkan.

**Item Status matches any of "Under Review", "Live Archive" AND Title matches "Local cocoa as an ingredient in selected food products" (Ignoring: "as", "in", "an")**

Displaying results 1 to 1 of 1.  
[Refine search](#) | [New search](#) | [Save search](#)

Order the results:  [Reorder](#)

Export 1 results as  [Export](#) [Atom](#) [RSS 2.0](#) [RSS 1.0](#)

[Batch Edit](#)

1. Sharifah Samsiah M., . (1995) **local cocoa as an ingredient in selected food products.** [Proceedings Paper] Item not available from this repository.

Displaying results 1 to 1 of 1.  
[Refine search](#) | [New search](#) | [Save search](#)

Order the results:  [Reorder](#)

7. Klik tab **Details** untuk membuat semakan rekod dan klik [Edit item](#) pada bahagian yang hendak dikemaskini.

**View Item: Local cocoa as an ingredient in selected food products**  
 This item is in review. It will not appear in the repository until it has been checked by an editor.

[Move to Repository](#) [Return item \(with notification\)](#) [Remove item \(with notification\)](#)

[Preview](#) [Details](#) [Actions](#) [History](#) [Issues](#)

Type [Edit item](#)

**Item Type:** Proceedings Paper

Upload [Edit item](#)

**Unspecified fields:** [Documents](#)

Details [Edit item](#)

**Creators:**

Creator Type	Creators	Email
Personal Author	Sharifah Samsiah M., .	UNSPECIFIED

**Title:** Local cocoa as an ingredient in selected food products

**Additional Information:** Available at Perpustakaan Sultan Abdul Samad, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia. TX511 N277 1995 Call Number

**Date:** 1995

**Publisher:** Food Technology Reseach Centre MARDI

**Place of Publication:** Kuala Lumpur, Malaysia

**Page Range:** pp. 253-256

**Conference Title:** National Seminar on food technology '95 : Food ingredients

**Conference Location:** Kuala Lumpur (Malaysia)

**Conference Dates:** 5-7 Sep, 1995

**Event Type:** Conference

**Refereed:** Yes

**Editors / Compilers:**

Editor Type	Editors
Editor	Mat Isa A., .
Editor	Normah O., .

**Language (Item):** English

**Proceedings Title:** Proceedings of National Seminar on food technology '95: Food ingredients

**Unspecified fields:** [Abstract](#), [Volume](#), [DOI / Identification Number](#), [ISBN](#), [Official URL](#), [Related URLs](#), [Alternative Titles](#)  
(Enter here the translation(s) of the title)

8. Klik **Subjects** untuk memasukkan *AGROVOC*.

Edit item: **Local cocoa as an ingredient in selected food products**

Type → Upload → Details → **Subjects** → ARN Number

< Previous Save and Return Cancel Next >

AGROVOC Term ?

AGROVOC Term ?

AGROVOC Term ?

AGROVOC Term ?

AGROVOC Term ?

AGROVOC Term ?

Geographical Term ?

+ Uncontrolled Keywords

< Previous Save and Return Cancel Next >

## **SUBJECT**

### **a. AGROVOC Terms:**

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

#### **i. Commodities or Topics**

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

#### **ii. Activities**

Tindakan, operasi atau proses yang telah dijalankan.

#### **iii. Agents**

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

#### **iv. Results**

Keputusan ke atas aktiviti yang dilakukan.

**Contoh:**

- *Biofuel*
- *Biomass*
- *Oil palm*
- *Food resources*

**b. Geographical Terms**

Lokasi di mana kajian/liputan dibuat.

**Contoh:**

- Malaysia
- Indonesia
- Japan

**c. Uncontrolled Keywords:**

Masukkan kata kunci.

9. Klik  untuk menamatkan pengemaskinian.



UNIVERSITI PUTRA MALAYSIA



**MEMASUKKAN NOMBOR ARN  
DAN  
PENGESAHAN REKOD**

**U P M**

UNIVERSITI PUTRA MALAYSIA

## MEMASUKKAN NOMBOR ARN DAN PENGESAHAN REKOD

1. Taip <http://webagris.upm.edu.my/>
2. Klik **Login**- Masukkan **Username** dan **Password**

UPM UNIVERSITI PUTRA MALAYSIA BERILMU BERBAKTI

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

Home About Browse

Login | Create Account

Login

Please enter your username and password. If you have forgotten your password, you may [reset](#) it.

Username:

Password:

Note: you must have cookies enabled.

Agris UPM is powered by [ePrints 3](#) which is developed by the [School of Electronics and Computer Science](#) at the University of Southampton. [More information and software credits.](#)

eprints

3. Skrin berikut dipaparkan, Klik **Admin**.

UPM UNIVERSITI PUTRA MALAYSIA BERILMU BERBAKTI

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

Home About Browse

Manage deposits | Logged in as Ms. Azian Edawati Zakaria | [Manage records](#) | [Profile](#) | [Saved searches](#) | [Review](#) | **Admin** | [Logout](#)

Manage deposits

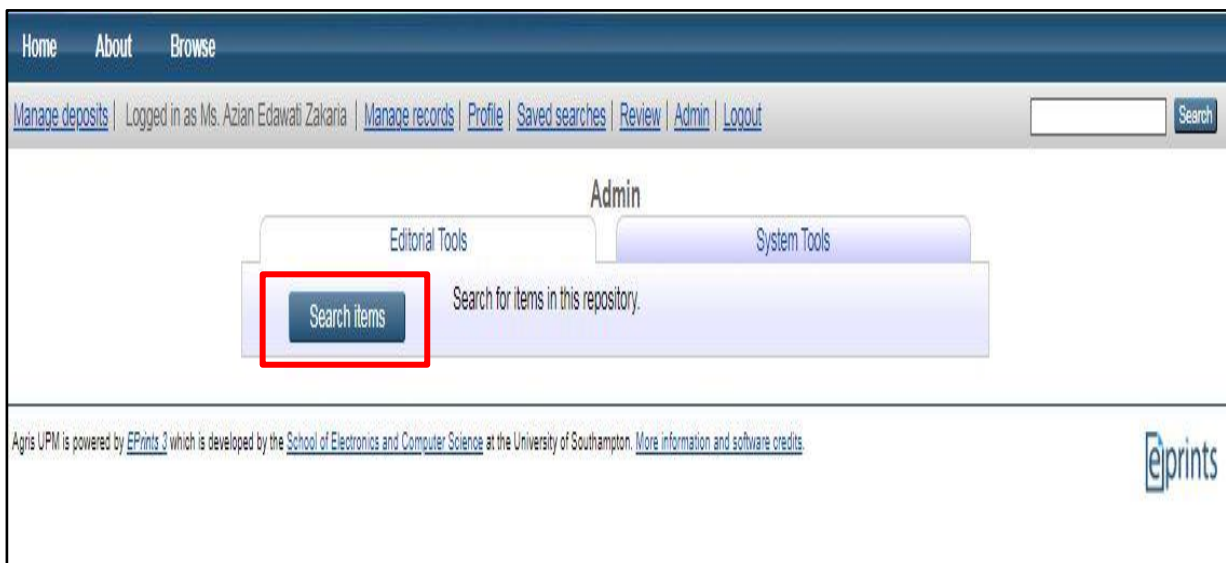
[Help](#)

Import from

User Workarea.  Under Review.  Live Archive.  Retired.

<a href="#">Last Modified</a>	<a href="#">Title</a>	<a href="#">Item Type</a>	<a href="#">Item Status</a>	<a href="#">ARN Number</a>	
30 Jan 2024 07:52	UNSPECIFIED	Article	User Workarea	UNSPECIFIED	

4. Skrin berikut dipaparkan, klik **Search items** pada tab **Editorial Tools**.



5. Skrin berikut dipaparkan, masukkan judul bahan dalam ruang **Title** dan Klik



**Search items**

Search for items in this repository.

Item ID:

Username:

Name: all of

Item Status:

- User Workarea
- Under Review
- Live Archive
- Retired

Directory: all of

Documents: all of

**Title: all of**

Creators: all of

Abstract: all of

Date:

Uncontrolled Keywords: all of

6. Klik pada judul yang tertera.

Item Status matches any of "Under Review", "Live Archive" AND Title matches "Application of Folin-Ciocalteu colorimetric method in the determination of total tannin in maize and soybean food products" (Ignoring: "in", "and", "of", "the")

Displaying results 1 to 1 of 1.  
[Refine search](#) | [New search](#) | [Save search](#)

Order the results:  [Reorder](#)

Export 1 results as  [Export](#) [Atom](#) [RSS 2.0](#) [RSS 1.0](#)

[Batch Edit](#)

1 [Adegbusi, H. S. and A. Ismail and N. Mohd Esa and Z. Azuan, Mat Daud \(2022\) Application of Folin-Ciocalteu colorimetric method in the determination of total tannin in maize and soybean food products. International Food Research Journal \(Malaysia\), 29: pp. 1110-1119. ISSN 2231 7546 item not available from this repository.](#)

Displaying results 1 to 1 of 1.  
[Refine search](#) | [New search](#) | [Save search](#)

Order the results:  [Reorder](#)

7. Skrin berikut dipaparkan dan klik tab **Details**.

**View Item: Application of Folin-Ciocalteu colorimetric method in the determination of total tannin in maize and soybean food products**

This item is in review. It will not appear in the repository until it has been checked by an editor.

[Move to Repository](#) [Return item \(with notification\)](#) [Remove item \(with notification\)](#)

[Preview](#) [Details](#) [Actions](#) [History](#) [Issues](#)

**Citation**

Adegbusi, H. S. and A. Ismail and N. Mohd Esa and Z. Azuan, Mat Daud (2022) *Application of Folin-Ciocalteu colorimetric method in the determination of total tannin in maize and soybean food products*. International Food Research Journal (Malaysia), 29: pp. 1110-1119. ISSN 2231 7546

**Abstract**

Yellow maize (*Zea mays* L.) and soybean (*Glycine max* (L.) Merr.) are local raw materials used in the formulation of complementary foods in Nigeria. The presence of antinutritional factors such as tannins in them could disrupt the nutritional status in infants and young children, thus leading to malnutrition. However, data on the total tannin contents in maize, soybean, and their products remain limited. This could be due to the lack of a fast, accurate, and inexpensive analytical method for tannin determination. The present work thus evaluated the Folin-Ciocalteu (FC) assay for the accurate quantification of total tannin from yellow maize, soybean, and their products. Techniques including soaking, dehulling, oven-drying, boiling, and frying were used to process the raw materials, prior to grinding and subsequent formulation of their products. The FC method was validated to quantify the total tannin contents from extracts of tested samples by ultraviolet-visible (UV-Vis) spectrophotometry. The original extracts from the tested samples, and external standards from tannic acid and total phenolics ( $\mu\text{g}/\mu\text{L}$ ) were used for method validation. The method validation showed that the instrumental response to standard tannic acid and the investigated analytes were specific, linear ( $R^2 = 0.998$ ), precise (% CV < 20%), and accurate (recovery = 91%). The limits of detection (LOD) and limits of quantification (LOQ) were 0.03 and 0.09  $\mu\text{g}/\mu\text{L}$ , respectively. The validation complied with the requirements to ensure the reliability of the results. The combined processing techniques were also effective in reducing the total tannin content of maize (0.213 to 0.041% TAE) and soybean (0.257 to 0.064% TAE) by 81 and 75%, respectively. The present work demonstrated the suitability of the FC method as an analytical tool for the quantification of total tannin from plant-based food products.

**Download File**

Full text not available from this repository.  
Official URL: [http://www.ifrj.upm.edu.my/29%20\(05\)%202022/13%20-...](http://www.ifrj.upm.edu.my/29%20(05)%202022/13%20-...)



8. Klik **Edit item** pada kotak **ARN Number**.

Subjects **Edit item**

**AGROVOC Term:** Scarabaeidae

**AGROVOC Term:** oil palm > oil palm Prefer using Elaeis guineensisElaeis guineensis

**AGROVOC Term:** correlation

**AGROVOC Term:** surveys

**AGROVOC Term:** Beetles > Beetles Prefer using ColeopteraColeoptera

**AGROVOC Term:** entomologists

**AGROVOC Term:** researchers > researchers Prefer using scientistsscientists

**AGROVOC Term:** rainfall patterns

**AGROVOC Term:** life cycle

**AGROVOC Term:** pest management

**Geographical Term:** Columbia

**Unspecified fields:** [Uncontrolled Keywords](#)

---

ARN Number **Edit item**

**Unspecified fields:** [ARN Number](#)

9. Masukkan nombor *ARN* seperti berikut:

**Contoh: MY2024050318**

MY : Kod untuk Malaysia  
2024 : Tahun bahan diinput  
05 : Kod untuk PSAS  
0318 : Nombor urutan

**Edit item: *Strategus aloeus* (Coleoptera: Scarabaeidae) damage and its relationship with rainfall and hybrid oil palm age in Colombia**

Type → Upload → Details → Subjects → **ARN Number**

< Previous Save and Return Cancel Next >

ARN Number ?

**MY2024050318**

< Previous Save and Return Cancel Next >

10. Klik **Next >** , skrin berikut akan dipaparkan.

**View Item: *Strategus aloeus* (Coleoptera: Scarabaeidae) damage and its relationship with rainfall and hybrid oil palm age in Colombia**

This item is in review. It will not appear in the repository until it has been checked by an editor.

**Move to Repository** **Return item (with notification)** **Remove item (with notification)**

Preview Details Actions History Issues

**Citation**

Montes-Bazurto, Luis Guillermo and Bustillo-Pardey, Alex Enrique and Morales Rodriguez, Anuar (2022) *Strategus aloeus* (Coleoptera: Scarabaeidae) damage and its relationship with rainfall and hybrid oil palm age in Colombia. Journal of Oil Palm Research (Malaysia), 34. pp. 622-628. ISSN 2811-4701

**Abstract**

The adults of *Strategus aloeus* (L.) feed on the bulb and cause damage to young oil palm that can lead to lesions, and ultimately, to rotting. The aim of this study was to determine the *S. aloeus* damage in young hybrid oil palms, to propose an alternative method for its monitoring and control. Initially, destructive samplings of the palms were made at 8, 10, 12 and 15 days after insect attack. Additionally, weekly insect attack monitoring and rainfall register were made. About 44.4% of the oil palms were damaged after eight days of the adult's infestation. During the first year of the crop's establishment, there was a positive correlation between the number of galleries and rainfall. During the second and third year, there was a negative correlation between the number of galleries and oil palm age ( $p=-0.93$ ;  $p<0.0001$ ;  $n=105$ ). Our study found that the damage caused by *S. aloeus* in hybrid cultivars can be observed eight days after the adult's arrival. The monitoring and control of *S. aloeus* in hybrid cultivars should be performed on a weekly basis from establishment to the first three and a half years of the crop.

**Download File**

Full text not available from this repository.  
Official URL: <http://jopr.mpob.gov.my/wp-content/uploads/2022/01...>

Klik **Move to Repository** untuk 'live'kan rekod.

Klik **Remove item (with notification)** untuk padamkan rekod.

Klik **Return item (with notification)** kembalikan kepada pembantu untuk pembetulan (sekiranya ada).



## 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)
- Komentor pada pameran pertanian
- Perjanjian antara institusi
- Ulasan buku
- Kalendar 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 (kebiasannya 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

UNIVERSITI PUTRA MALAYSIA

## LAMPIRAN 2

### SENARAI JURNAL BERCETAK 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	U R L
1.	Asian Fisheries Science Journal	<a href="http://www.asianfisheriessociety.org/publication/index.php">http://www.asianfisheriessociety.org/publication/index.php</a>
2.	International Food Research Journal	<a href="http://www.ifrj.upm.edu.my/index.html">http://www.ifrj.upm.edu.my/index.html</a>
3.	International Journal of Biomass & Renewables	<a href="http://myjms.moe.gov.my/index.php/ijbr/index">http://myjms.moe.gov.my/index.php/ijbr/index</a>
4.	Journal of Agribusiness Marketing	<a href="http://www.fama.gov.my/journal-of-agribusiness-marketing#.VTnP2pP8ZFd">http://www.fama.gov.my/journal-of-agribusiness-marketing#.VTnP2pP8ZFd</a>
5.	Journal of Agrobiotechnology	<a href="https://journal.unisza.edu.my/agrobiotechnology/index.php/agrobiotechnology">https://journal.unisza.edu.my/agrobiotechnology/index.php/agrobiotechnology</a>
6.	Journal of Energy and Environment	<a href="http://journal.uniten.edu.my/ojs3/index.php/jee/index">http://journal.uniten.edu.my/ojs3/index.php/jee/index</a>
7.	Journal of Oil Palm Research (JOPR)	<a href="http://jopr.mpob.gov.my">http://jopr.mpob.gov.my</a>
8.	Journal of Rubber Research	<a href="http://rios.lgm.gov.my/cms/fedDigiJournalDetail.jsp?searchText=&amp;selTab=digiCon&amp;type=JRR&amp;id=&amp;issueYear=">http://rios.lgm.gov.my/cms/fedDigiJournalDetail.jsp?searchText=&amp;selTab=digiCon&amp;type=JRR&amp;id=&amp;issueYear=</a>
9.	Journal of Sustainability Science and Management	<a href="http://jssm.umt.edu.my/">http://jssm.umt.edu.my/</a>
10.	Journal of Tropical Agriculture and Food Science	<a href="http://jtafs.mardi.gov.my/">http://jtafs.mardi.gov.my/</a>

11.	Journal of Tropical Biology and Conservation	<a href="https://www.ums.edu.my/ibtpv2/en/publication/journal">https://www.ums.edu.my/ibtpv2/en/publication/journal</a>
12.	Journal of Tropical Forest Science (JTFS)	<a href="https://www.jstor.org/journal/jtropforescie">https://www.jstor.org/journal/jtropforescie</a>
13.	Journal of Tropical Plant Physiology	<a href="http://www.jtpp.org.my/">http://www.jtpp.org.my/</a>
14.	Malaysian Journal of Animal Science	<a href="http://www.msap.my/mjas.php">http://www.msap.my/mjas.php</a>
15.	Malaysian Journal of Nutrition	<a href="https://nutriweb.org.my/mjn/online-first.php">https://nutriweb.org.my/mjn/online-first.php</a>
16.	Malaysian Journal of Soil Science	<a href="http://www.msss.com.my/mjss/">http://www.msss.com.my/mjss/</a>
17.	Malaysian Journal of Veterinary Research	<a href="http://www.dvs.gov.my/index.php/pages/view/1550">http://www.dvs.gov.my/index.php/pages/view/1550</a>
18.	Pertanika Journals	<a href="http://www.pertanika.upm.edu.my/current_issues.php?jtype=1">http://www.pertanika.upm.edu.my/current_issues.php?jtype=1</a>
19.	Journal of Wildlife and Parks	<a href="https://www.wildlife.gov.my/index.php/en/penerbitan/103-jurnal">https://www.wildlife.gov.my/index.php/en/penerbitan/103-jurnal</a>
20.	Advances in Agricultural and Food Research Journal (AAFRJ) (Malaysia)	Advances in Agricultural and Food Research Journal (AAFRJ) (Malaysia)
21.	Food Research (Malaysia)	<a href="https://www.myfoodresearch.com/">https://www.myfoodresearch.com/</a>



UNIVERSITI PUTRA MALAYSIA