

Introduction of CropWatch Analysis

Nana Yan, Miao Zhang

CropWatch Team

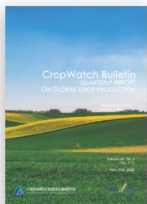
Aerospace Information Research Institute

Chinese Academy of Sciences

August, 2023, Mauritius

Outline

- 1.Flow chart
- 2.Create task- Just for Administrator
- 3.Write and submit- Just for Authors
- 4.Check-Administrator/Editor (If rejected, return to step3, revision and resubmit)
- 5.Published-Administrator







May 2020 CropWatch Bulletin

May 2020 CropWatch Bulletin is based mainly on current remote sensing inputs in addition to detailed and spatially accurate reference data about crops and their management. Focusing on the months of January to April 2020, chapters cover global, national, and regional level agroclimatic conditions and the condition of crops that were growing during this time. For China, the bulletin presents crop conditions for each of seven key agro-ecological zones, an updated estimate of national winter crop production and trade prospects (import/export) of major crops. The focus section reports on the first early outlook of crop production for 2020, as well as sections on recent disaster events, Drought impacts on rice production in lower Mekong river, and an update on El Niño.

[Bulletin](#) →

CropWatch Sub System

 CropWatch Pro <small>dev</small> Enter >	 CropWatch Explorer Enter >	 CropWatch Analysis Enter >	 CropWatch Bulletin Enter >
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About

CropWatch is China's leading crop monitoring system. Using remote sensing and ground-based indicators the system assesses national and global crop production.

[More](#) >



Bulletin

Each quarter, CropWatch findings are published in the CropWatch bulletin. The bulletin is issued in English and Chinese.

[More](#) >



Publications

The CropWatch system and methodologies are described in various articles published in international and Chinese journals.

[More](#) >

CropWatch Analysis

cloud.cropwatch.com.cn

CropWatch-Analysis

CropWatch Analysis is cloud collaboration tool for people from over the country/world analyzing their CropWatch indicators anywhere. It provides create document, allocate and manage tasks, monitor schedule and publish the document online functions which let people over the world finish their documents together on the cloud platform.



All experts over the world

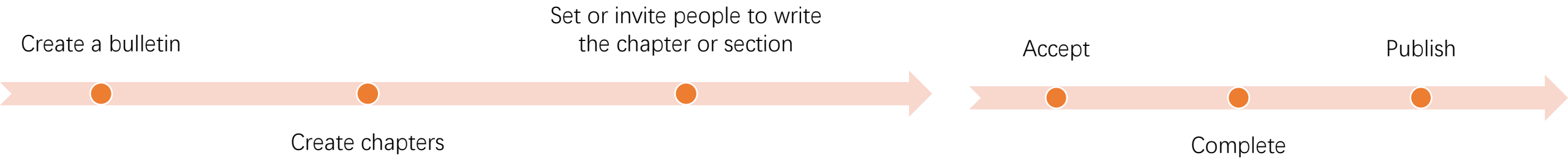


CropWatch Team

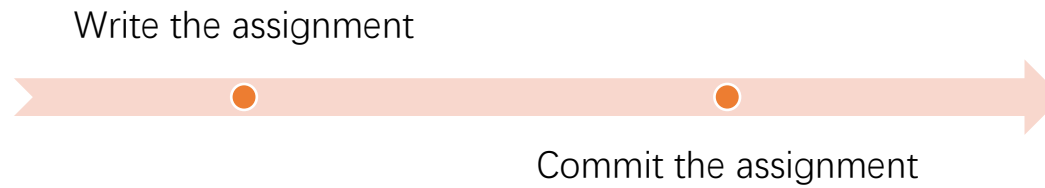


CropWatch-Analysis

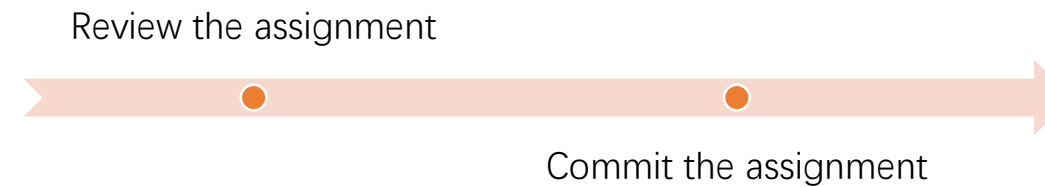
Admin



Writer1



Writer2



Outline

- 1.Flow chart
- **2.Create task-Administrator**
- 3.Write and submit-Authors
- 4.Check-Administrator/Editor (If rejected, return to step3, revision and resubmit)
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Admin

CropWatch Analysis

cloud.cropwatch.com.cn

The screenshot displays the CropWatch website interface. At the top, a navigation menu includes links for Home, About, Update, Bulletin, Methodology, and Publications. Below the menu, a featured article titled "May 2020 CropWatch Bulletin" is shown, accompanied by a thumbnail image of a crop field. The main content area features a "CropWatch Sub System" section with four interactive tiles: "CropWatch Pro dev", "CropWatch Explorer", "CropWatch Analysis" (highlighted with a red border and a hand cursor), and "CropWatch Bulletin". Below this, three content blocks are visible: "About" (with a group photo and a green box highlighting a specific area), "Bulletin" (showing various bulletin covers), and "Publications" (displaying journal articles).

Home About Update Bulletin Methodology Publications

May 2020 CropWatch Bulletin

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[Bulletin →](#)

CropWatch Sub System

- CropWatch Pro ^{dev} [Enter >](#)
- CropWatch Explorer [Enter >](#)
- CropWatch Analysis** [Enter >](#)
- CropWatch Bulletin [Enter >](#)

About

CropWatch is China's leading crop monitoring system. Using remote sensing and ground-based indicators the system assesses national and global crop production.

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Each quarter, CropWatch findings are published in the CropWatch bulletin. The bulletin is issued in English and Chinese.

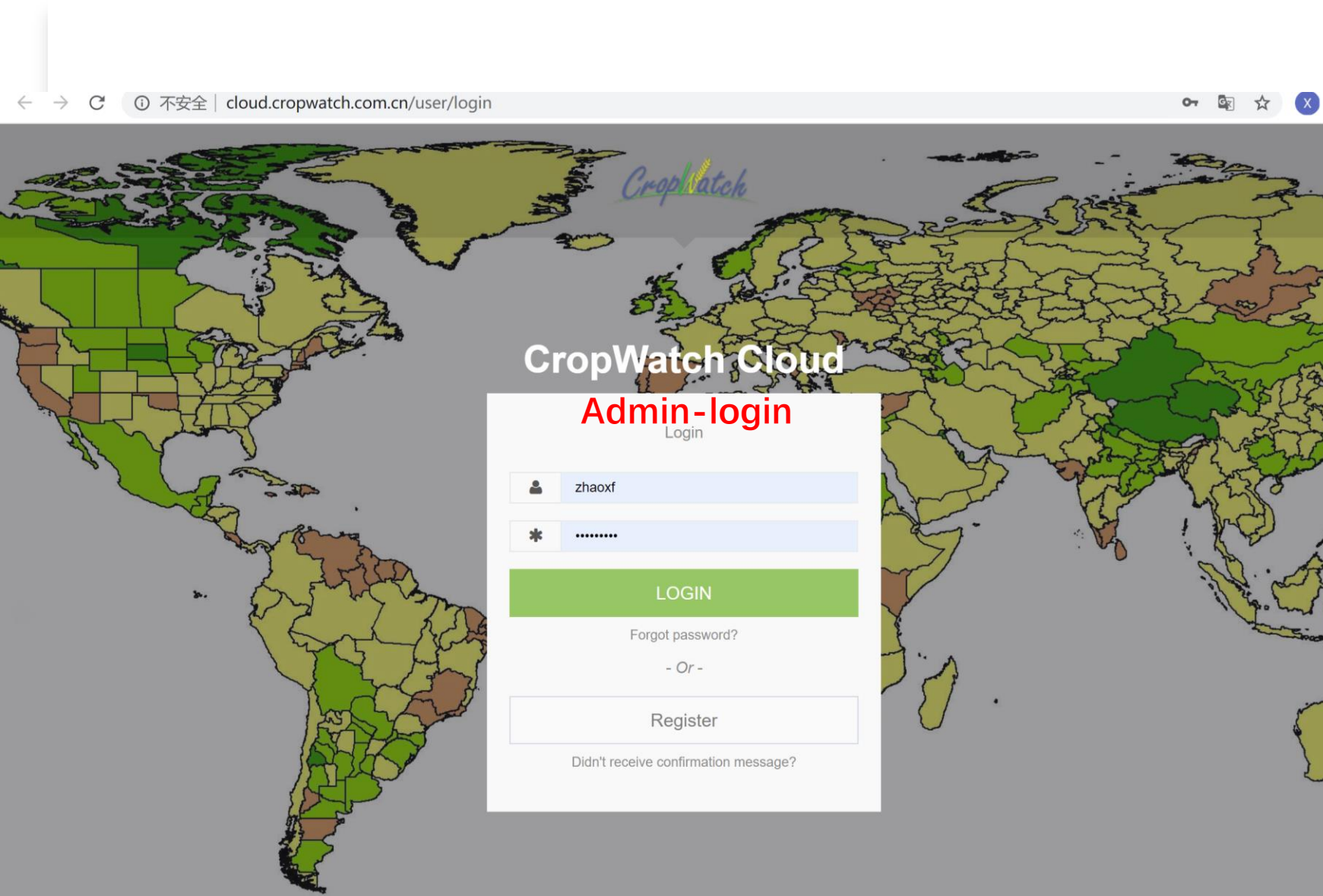
[More >](#)

Publications

The CropWatch system and described in various articles and Chinese journals.

[More >](#)

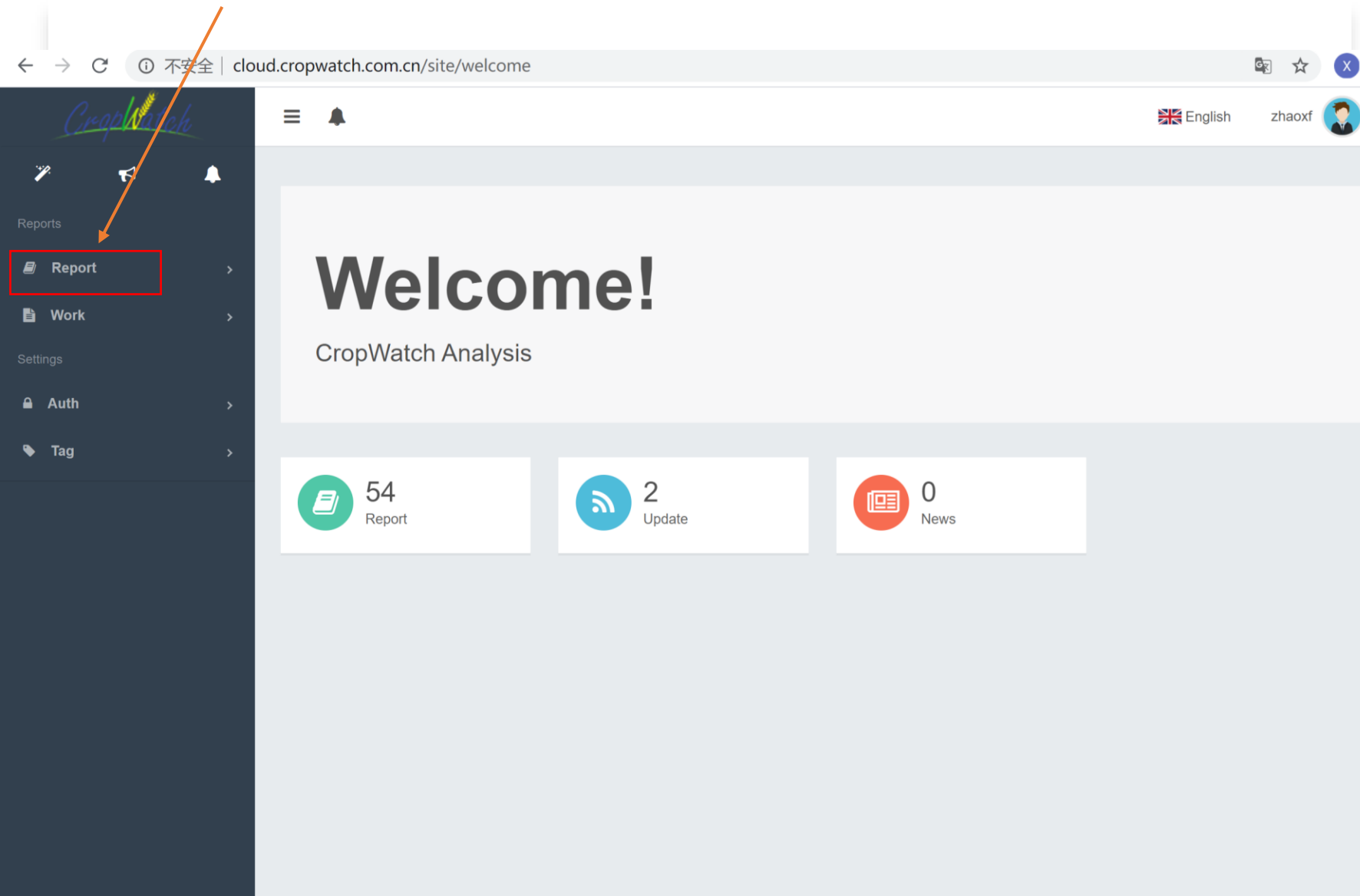
Admin-Create a new report task



CropWatch
Analysis

cloud.cropwatch.com.cn

Click here



Admin-
Create a
new report
task

cloud.cropwatch.com.cn

1, Click "Management"

2, Click "Create Report"

The screenshot shows the CropWatch web interface. On the left, a dark sidebar contains a menu with 'Management' highlighted in a red box. A blue arrow points from this menu item to the main content area. In the main content area, a green button with a plus sign and the text 'Create Report' is highlighted with a red box. Another blue arrow points from this button to the right side of the image. Below the button is a table of reports.

Report Id	Report Name	Creator	Create Time	Options
144	全球农情遥感速报 (2020年5月31日)	yannn	2020-05-20 06:37:14	[Search] [Grid] [Edit] [Delete]
143	May 2020 CropWatch Bulletin	yannn	2020-05-15 09:35:26	[Search] [Grid] [Edit] [Delete]
142	全球农情遥感速报 (2020年2月28日)	gaoww	2020-02-04 20:10:41	[Search] [Grid] [Edit] [Delete]
141	February 2020 CropWatch Bulletin	gaoww	2020-01-23 15:13:29	[Search] [Grid] [Edit] [Delete]
139	Cambodia Training	xingqiang	2019-12-23 07:53:50	[Search] [Grid] [Edit] [Delete]
137	Viet Nam Training	xingqiang	2019-11-18 10:53:30	[Search] [Grid] [Edit] [Delete]
135	全球农情遥感速报 (2019年11月30日)	liuwenjun	2019-11-13 17:42:27	[Search] [Grid] [Edit] [Delete]
134	November 2019 CropWatch bulletin	liuwenjun	2019-11-13 09:55:21	[Search] [Grid] [Edit] [Delete]
133	test	xingqiang	2019-11-13 09:19:50	[Search] [Grid] [Edit] [Delete]
129	全球农情遥感速报 (2019年8月31日)	Changsheng	2019-08-18 21:21:06	[Search] [Grid] [Edit] [Delete]
128	August 2019 CropWatch bulletin	Changsheng	2019-08-10 22:54:59	[Search] [Grid] [Edit] [Delete]
119	全球农情遥感速报 (2019年5月31日)	zhaoxf	2019-05-16 16:02:29	[Search] [Grid] [Edit] [Delete]

Admin-
Create a
new
report task

cloud.cropwatch.com.cn

3, Input report name and select language
English, year 2021 & month 8月

4, Click “Create Report”

Home > Reports > Cropwatch Bulletin for CropWatch ICP Project 2021 > Update

Update Report Cropwatch Bulletin for CropWatch ICP Project 2021

Report Name

Report Languages

Report Year

Publish Month

Admin-
Create a
new report
task

cloud.cropwatch.com.cn

5, Click "Create Chapter"

Admin- Create a new report task

cloud.cropwatch.com.cn



The screenshot shows a web browser window with the URL `cloud.cropwatch.com.cn/report/view?id=145`. The page title is "Cropwatch Bulletin for Lower Mekong River Basin Countries". The breadcrumb trail is "Home > Reports > Cropwatch Bulletin for Lower Mekong River Basin Countries". The main content area displays the report title "Cropwatch Bulletin for Lower Mekong River B..." and a toolbar with buttons for "Publish", "View", "Update", and "Create Chapter". The "Create Chapter" button is highlighted with a red box. Below the toolbar, it shows "zhaoxf created at 2020-08-05 16:22:23, current status is Created". The left sidebar contains navigation options: Reports, Report, Work, Settings, Auth, and Tag. The top right of the page shows the language set to "English" and the user "zhaoxf".

Admin - Create a new report task

cloud.cropwatch.com.cn

Word batch download | Import thematic map | Afghanistan | Word

+ Create Chapter

Chapter Title - English

Kenya

Chapter Editors

Miao

Section Name

Kenya 1

Section Language

English

Section Author

zhaoxf

Add Delete

+ Create

6. Input the chapter name

7. Select the chapter editor, suggest admin and checker

8. Input the name of a section of the chapter

9. English as the section language

10. Select the section author

11. If the chapter has 2 or 2+ sections, add more section for the chapter

12. If all sections are created, click here "Create"

Outline

- 1.Flow chart
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- **3.Write and submit-Authors**
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Foxmail

收取 写邮件 回复 回复全部 转发 删除 打印预览 企业微信 搜索邮件

常用文件夹

- 所有未读
- 置顶邮件
- 标签邮件
- radi.ac(zhaoxf)
- 收件箱
- 草稿箱
- 已发送邮件
- 已删除邮件
- 垃圾邮件

排序:日期

- 今天 (4 封)
 - CropWatch 20:56
★ [CropWatch]You have a new writing task.
 - CropWatch 20:56
★ [CropWatch]You have a new writing task.
- Wu Bingfang 16:29
★ 回复: 2020年度上半年生态室使用空天院车...
- zhangmiao 13:24
★ Online training courses of geospatial inf...
- 昨天 (4 封)

[CropWatch]You have a new writing task. ★

发给 zhaoxf 2020-08-05 20:56 隐藏信息

发件人: CropWatch <cropwatch@radi.ac.cn>
收件人: zhaoxf <zhaoxf@radi.ac.cn>
时间: 2020年8月5日 (周三) 20:56
大小: 2 KB

zhaoxf has assigned section "**Lower Mekong Basin**" in "chapter3 Regional analysis" to your writing list, [click to check](#).

Task noted to every author by Email

Click here

cloud.cropwatch.com.cn/site/welcome

English zhaoxf

Welcome!

CropWatch Analysis

54 Report	2 Update	0 News
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Author-
Write and
submit

cloud.cropwatch.com.cn

Author-Write and submit

1, Click "Inbox"

2, Click here to write

The screenshot displays the CropWatch web application interface. The browser address bar shows the URL: `cloud.cropwatch.com.cn/section/index?SectionSearch[status]=10`. The page title is "Sections". A sidebar menu on the left contains the following items: Reports, Report, Work, **Inbox** (highlighted with a red box), Writing, Submitted, Rejected, Reviewing, and Accepted. A blue arrow points from the "Inbox" menu item to the "Sections" table. The table has the following columns: Section ID, Report Name, Chapter Name, Section Order, Section Name, Status, Update Time, and Options. A single row is visible in the table with the following data: Section ID: 25156, Report Name: Cropwatch Bulletin for Lower Mekong River Basin Countries, Chapter Name: chapter3 Regional analysis, Section Order: 1, Section Name: Lower Mekong Basin, Status: Created, Update Time: 2020-08-05 17:23:21. A blue arrow points from the "Options" column of this row to a blue pencil icon, which is also highlighted with a red box.

Section ID	Report Name	Chapter Name	Section Order	Section Name	Status	Update Time	Options
25156	Cropwatch Bulletin for Lower Mekong River Basin Countries	chapter3 Regional analysis	1	Lower Mekong Basin	Created	2020-08-05 17:23:21	

Showing 1-1 of 1 item.

Author-Write and submit

cloud.cropwatch.com.cn

2. Upload the graphs

Path 1: Click it and choose the graphs

Path 2: Click it and pick from your computer

The screenshot shows the CropWatch web interface for writing and submitting a report. The browser address bar displays the URL: cloud.cropwatch.com.cn/section/write?id=25156. The page title is "#1 Lower Mekong Basin" and the language is set to English. The user is identified as zhaoxf.

The main content area features a rich text editor with a toolbar containing various formatting and editing tools. The editor's path is shown as "Path: body > p" and it indicates "0 characters entered, 100000 left." A "Save" button is located at the bottom right of the editor.

Below the editor is an "Operate Log" section with the following table:

添加时间	状态	操作人	描述
2020-08-06 14:06:16	Writing	zhaoxf	

The right-hand panel contains several options for uploading content:

- Import From Library (highlighted with a red box)
- Import Table
- User Defined Data Query
- Or
- Drop images to upload (or click to pick manually)
- Upload
- Please choose pdf file
- Upload PDF

Red arrows indicate the following paths:

- Path 1: Click it and choose the graphs (points to the "Import From Library" button)
- Path 2: Click it and pick from your computer (points to the "Drop images to upload" area)

Author-Write and submit

cloud.cropwatch.com.cn

5. Click "Insert into paragraph"

cloud.cropwatch.com.cn/section/write?id=25156

English zhaoxf

#1 Lower Mekong Basin English

Submit Delete

Figure.X Time series rainfall profile

Figure.X Crop condition development graph based on NDVI

Path: body > p > br

93 characters entered, 99907 left.

Author-Write and submit

cloud.cropwatch.com.cn

6. Insert Table, click "User Defined Data Query" or paste from other place (e.g. excel)

不安全 | cloud.cropwatch.com.cn/section/write?id=25156

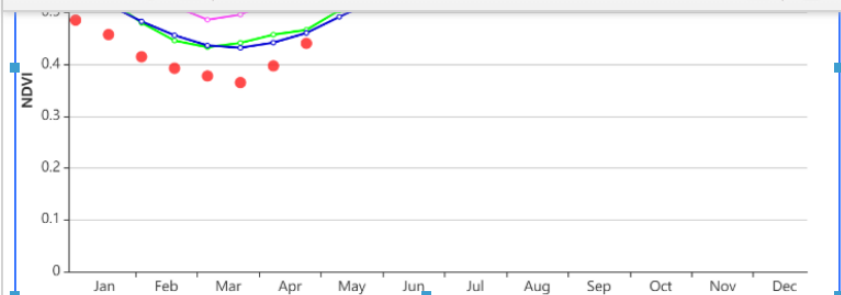
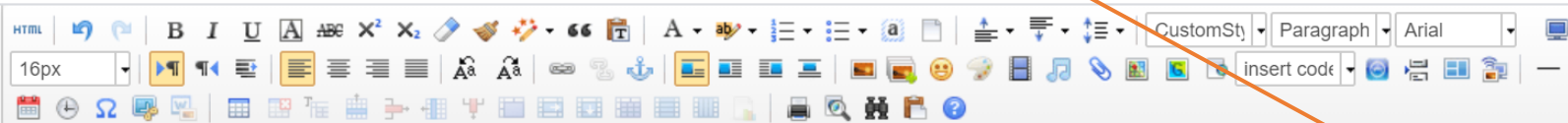


Figure.X Crop condition development graph based on NDVI

Path: [body](#) > [p](#) > [img](#)

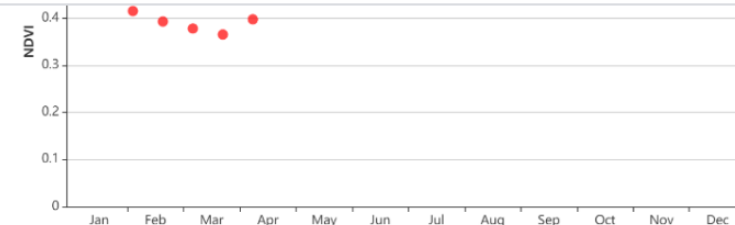
93 characters entered,99907 left.

Save

Operate Log

添加时间	状态	操作人	描述
2020-08-06 14:06:16	Writing	zhaoxf	

cloud.cropwatch.com.cn/section/write?id=25156



Crop condition development graph based on NDVI

- Import From Library
- Import Table
- User Defined Data Query



Drop images to upload

or click to pick manually

Outline

- 1.Flow chart
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Admin- Check (Accept or reject)

cloud.cropwatch.com.cn

cloud.cropwatch.com.cn/user/login

CropWatch

CropWatch Cloud

Admin-login

Login

zhaoxf

LOGIN

[Forgot password?](#)

- Or -

[Register](#)

[Didn't receive confirmation message?](#)



Admin- Check (Accept or reject)

Click the title of section, and review it

Home > Reports > Cropwatch Bulletin for Lower Mekong River Basin Countries

Cropwatch Bulletin for Lower Mekong River Basin Countries

zhaoxf created at 2020-08-05 16:22:23, current status is Created.

Overview

#	Section	Author	Status	Options
1	Cambodia	zenghongwei	Created	[Delete]
2	Lao PDF	zhuliang	Created	[Delete]
3	Thailand	Miao	Created	[Delete]
4	Vietnam	yannn	Created	[Delete]
5	Myanmar	Changsheng	Created	[Delete]

chapter2 Country analysis

#	Section	Author	Status	Op
1	Cambodia	zenghongwei	Created	[Delete]
2	Lao PDR	zhuliang	Created	[Delete]
3	Thailand	Miao	Created	[Delete]
4	Vietnam	yannn	Created	[Delete]
5	Myanmar	Changsheng	Created	[Delete]

chapter3 Regional analysis

#	Section	Author	Status	Options
1	Lower Mekong Basin	zhaoxf	Submitted	[Back] [Refresh] [Pass] [Accept] [Delete]

Reject Pass Accept Delete

Admin- Check (Accept or reject)

Review the text, if the text is acceptable, click here "Accept"

Home > Report > Cropwatch Bulletin for Lower Mekong River Basin Countries > Lower Mekong Basin > Write

#1 Lower Mekong Basin English

Reject Pass **Accept** Delete

HTML 16px CustomSt Paragraph Arial

In the montiring period

region	RAIN Cu...	RAIN De...	TEMP C...	TEMP D...	RADPAR...	RADPAR...	BIOMSS ...	BIOMSS ...
Tonle-sap	737	-13	28	0.9	1173	0	800	1
Mekong...	832	-14	28	0.8	1198	2	819	3
Norther...	914	-25	27.6	0.8	1209	7	813	7

KHM_Main_crop

Figure.X Crop condition development graph based on NDVI

Path: body > p 90 characters entered, 99910 left

HTML 16px CustomSt Paragraph Arial

Path: body > p 0 characters entered, 100000 left

Save

If the text still needs to be edited, please fill in your comments here and click here "Reject"

Admin- Check (Accept or reject)

cloud.cropwatch.com.cn

Rejected

Accepted

Home > Reports > Cropwatch Bulletin for Lower Mekong River Basin Countries

Cropwatch Bulletin for Lower Mekong River Basin Countries

zhaoxf created at 2020-08-05 16:22:23, current status is Created .

Overview Word批量下载 自动导入专题图 Q ▼ ✎ ▼

#	Section	Author	Status	Options
1	Cambodia	zenghongwei	Created	
2	Lao PDR	zhuliang	Created	
3	Thailand	Miao	Created	
4	Vietnam	yannn	Created	
5	Myanmar	Changsheng	Created	

chapter3 Regional analysis Word批量下载 自动导入专题图 Q ▼ ✎ ▼

#	Section	Author	Status	Options
1	Lower Mekong Basin	zhaoxf	Rejected	

Home > Reports > Cropwatch Bulletin for Lower Mekong River Basin Countries

Cropwatch Bulletin for Lower Mekong River Basin Countries

zhaoxf created at 2020-08-05 16:22:23, current status is Created .

Overview Word批量下载 自动导入专题图 Q ▼ ✎ ▼

#	Section	Author	Status	Options
1	Cambodia	zenghongwei	Created	
2	Lao PDR	zhuliang	Created	
3	Thailand	Miao	Created	
4	Vietnam	yannn	Created	
5	Myanmar	Changsheng	Created	

chapter3 Regional analysis Word批量下载 自动导入专题图 Q ▼ ✎ ▼

#	Section	Author	Status	Options
1	Lower Mekong Basin 1	zhaoxf	Accepted	

Outline

- 1.Flow chart
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Admin- Publish

click here "Publish" after all sections are accepted.

Home > Reports > Cropwatch Bulletin for Lower Mekong River Basin Countries

Cropwatch Bulletin for Lower Mekong River Basin Countries

zhaoxf created at 2020-08-05 16:22:23, current status is Created .

Overview Word批量下载 自动导入专题图 Q ✎

#	Section	Author	Status	Options
1	Cambodia	zenghongwei	Created	✎
2	Lao PDR	zhuliang	Created	✎
3	Thailand	Miao	Created	✎
4	Vietnam	yannn	Created	✎
5	Myanmar	Changsheng	Created	✎

chapter2 Country analysis Word批量下载 自动导入专题图 Q ✎

#	Section	Author	Status	Options
1	Cambodia	zenghongwei	Created	✎
2	Lao PDR	zhuliang	Created	✎
3	Thailand	Miao	Created	✎
4	Vietnam	yannn	Created	✎
5	Myanmar	Changsheng	Created	✎

chapter3 Regional analysis Word批量下载 自动导入专题图 Q ✎

#	Section	Author	Status	Options
1	Lower Mekong Basin 1	zhaoxf	Accepted	✎

Publish View Update Create Chapter

Menu

OVERVIEW »

- Cambodia
- Lao PDR
- Thailand
- Vietnam
- Myanmar

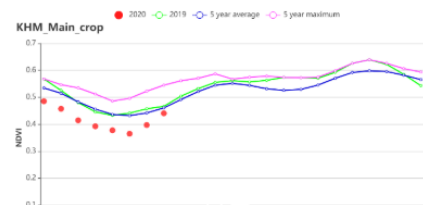
CHAPTER2 COUNTRY ANALYSIS »

- Cambodia
- Lao PDR
- Thailand
- Vietnam
- Myanmar

CHAPTER3 REGIONAL ANALYSIS »

- Lower Mekong Basin

Figures



CROPWATCH BULLETIN FOR LOWER MEKONG RIVER BASIN COUNTRIES

🗑️ Revoke

Lower Mekong Basin chapter3 Regional analysis

Author: **zhaoxf** Editor: **zhaoxf**

PDF Download

In the montiring period

...

region	RAIN Cu...	RAIN De...	TEMP C...	TEMP D...	RADPAR...	RADPAR...	BIOMSS ...	BIO
Tonle-sap	737	-13	28	0.9	1173	0	800	1
Mekong...	832	-14	28	0.8	1198	2	819	3
Norther...	914	-25	27.6	0.8	1209	7	813	7
Southwe...	869	-16	26.2	0.8	1251	6	864	7

Thanks for your attention!