

**TR/RADCON/2007.3/Nada.2**

**Prepared By**

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## Contents

<b>1</b>	<b>Front-end .....</b>	<b>- 2 -</b>
1.1	Law and decrees subsystem .....	- 2 -
1.2	Environment Extension Documents Subsystem.....	- 4 -
1.3	Environment problems in villages Subsystem.....	- 6 -
1.4	Clean Agriculture subsystem .....	- 8 -
1.5	Center Analysis Subsystem .....	- 9 -
1.6	Center Analysis Subsystem .....	- 10 -
<b>2</b>	<b>Back-end .....</b>	<b>- 10 -</b>
2.1	Data Entry User .....	- 11 -
2.1.1	Law and decrees Subsystem.....	- 11 -
2.1.2	Analysis Centers Subsystem.....	- 13 -
2.1.3	Clean agriculture subsystem.....	- 15 -
2.1.4	Environment pollution .....	- 16 -
2.1.5	Environment problems.....	- 17 -
2.2	publishers User .....	- 19 -
2.2.1	Law and decrees Subsystem.....	- 19 -
2.2.2	Analysis Centers Subsystem.....	- 20 -
2.2.3	Clean agriculture subsystem.....	- 22 -
2.3	Administrator User .....	- 22 -
2.3.1	Adding new user.....	- 23 -

# 1 Front-end

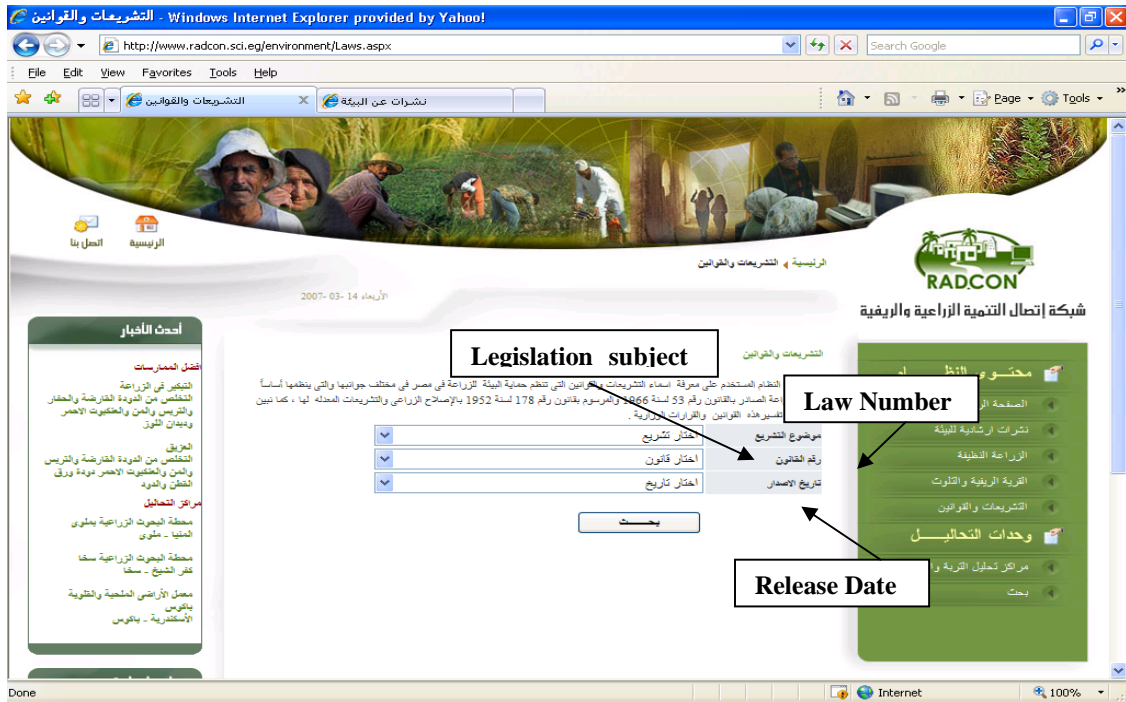
In this section we describe the front-end pages. A user can logs in without a user name or password. The home page provides point-and-click access to the components described previously, as illustrated in the following figure.



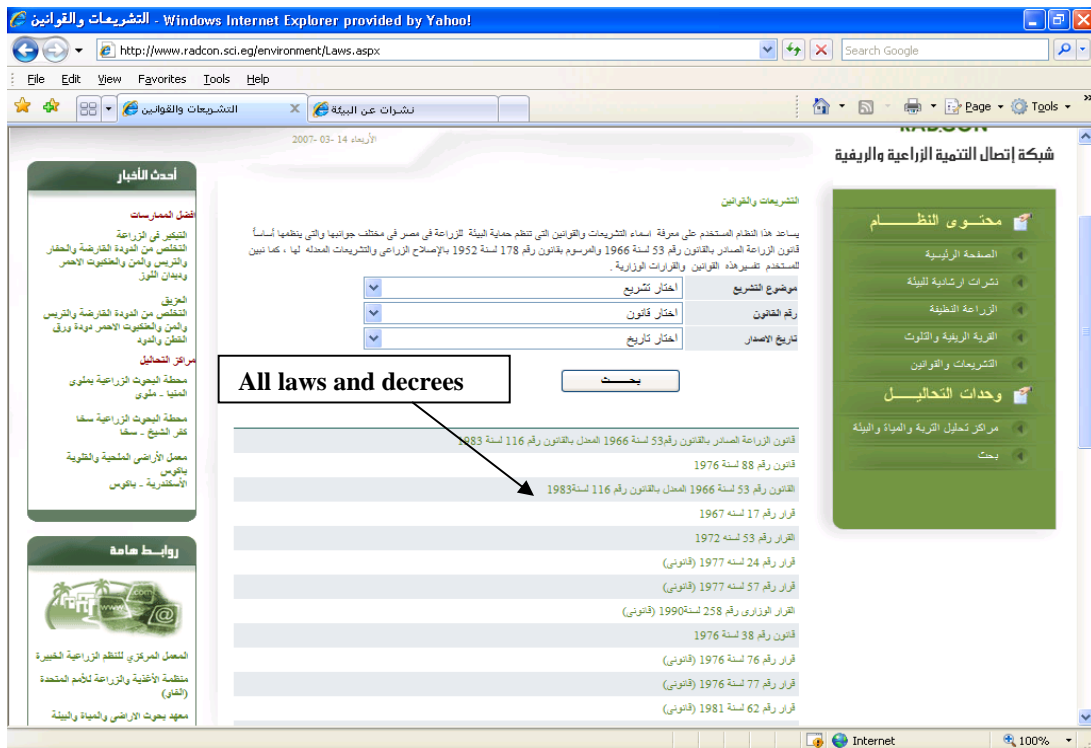
## 1.1 Law and decrees subsystem

If we select the Law and decrees button, system will give an advanced search, that work along different categories, such as Legislation subject, law number and Release Date.

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If we select search without entering any criteria to search, system will retrieve all Legislation and laws or decrees that available in the system, as illustrated in the following figure:



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If we select any law, system will display the law data, as illustrated in the following figure:

The screenshot shows a Windows Internet Explorer browser window displaying the RADCON website. The address bar shows the URL: [http://www.radcon.sci.eg/environment/showLaw\\_Form.aspx?CtrlId=32](http://www.radcon.sci.eg/environment/showLaw_Form.aspx?CtrlId=32). The website header features a banner image of farmers in a field and the RADCON logo with the text "شبكة اتصال التنمية الزراعية والريفية". A navigation menu on the right lists various topics like "الصفحة الرئيسية", "نشرات ارشادية للبيئة", "الزراعة النظيفة", etc. The main content area displays details for a law titled "قانون الزراعة الصادر بالقانون رقم 83 لسنة 1966 المعدل بالقانون رقم 116 لسنة 1983". Annotations with arrows point to specific parts of the page: "Back to laws and decrees" points to a link at the top; "Legislation subject" points to the law title; "Law Number" points to the law number; and "Law Description" points to the detailed text of the law. The browser's status bar at the bottom shows "Done" and "Internet".

### 1.2 Environment Extension Documents Subsystem

If we select the Environment Extension Documents button, system will give an Extension Documents about environment pollution and recycle wastes.

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The screenshot displays the RADCON website interface within a Windows Internet Explorer browser. The website is titled "ملوثات البيئة" (Environmental Pollution) and features a navigation menu on the right with links such as "الرئيسية" (Home), "تشرت ارشادية للبيئة" (Environmental Extension Documents), "الزراعة النظيفة" (Clean Agriculture), "الزراعة الريبية والتلوث" (Pollution in Aquaculture), "اتشريعات والقوانين" (Laws and Regulations), "وحدات التحليل" (Analysis Units), "مركز تحليل التربة والمياه والبيئة" (Soil, Water, and Environment Analysis Center), and "بحث" (Search).

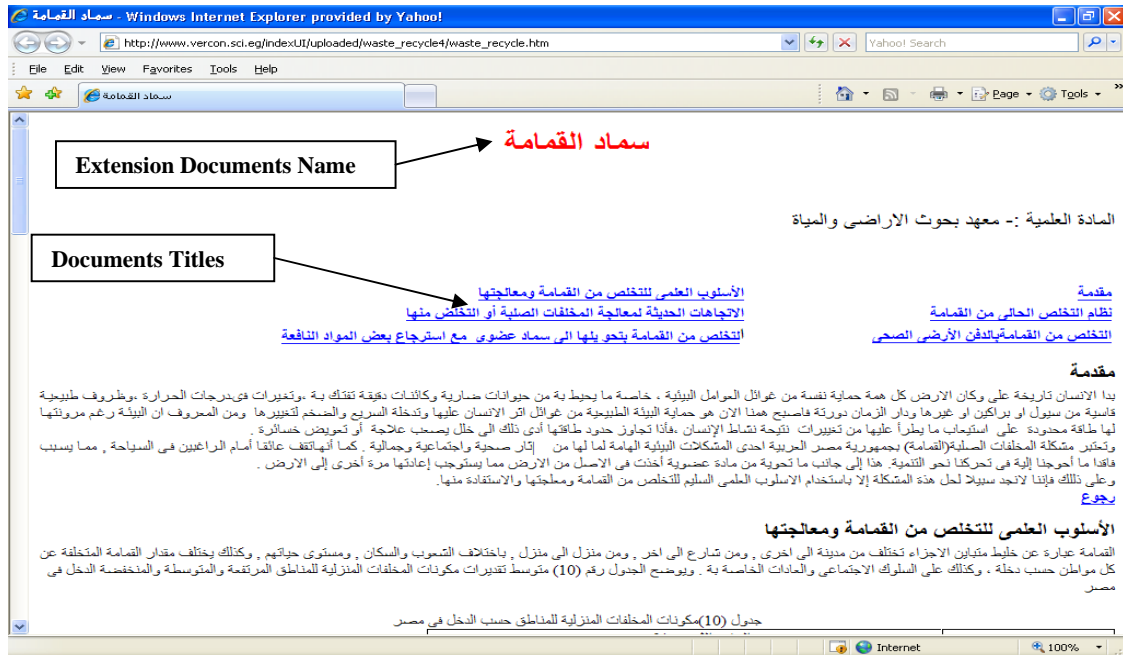
Annotations on the screenshot identify specific elements:

- Extension Documents Name:** Points to the title of a document, "تأثيرات التلوث البيئي على التربة".
- Extension Documents type:** Points to the category "ملوثات البيئة".
- Extension Documents number:** Points to the document number "2006/1".
- Extension Documents type and total number:** Points to the document title "تأثيرات التلوث البيئي على التربة".

The main content area displays a list of documents, including "تأثيرات التلوث البيئي على التربة" (2006/1) and "تأثيرات التلوث البيئي على المياه" (2006/2). The footer of the website states "جميع الحقوق محفوظة لتتصل التنمية الريفية 2007".

If we click on "Extension Documents Name" system will retrieve the Document available in the system, as illustrated in the following figure:

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### 1.3 Environment problems in villages Subsystem

If we select the Environment problems in village's button, system will give an advanced search, that work along different categories, such as Pollution Kind, Governorate name and Extension document name



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The screenshot shows the RADCON web application interface. The main search area includes the following elements:

- Pollution Kind:** A dropdown menu with options: 'اختار النوع' (Select type), 'اختار المحافظة' (Select governorate), and 'اختار المركز' (Select center).
- Governorate name:** A dropdown menu with the option 'اختار المحافظة' (Select governorate).
- Extension center name:** A dropdown menu with the option 'اختار المركز' (Select center).
- Search Button:** A button labeled 'البحث في المشكلات' (Search in problems).

The right sidebar contains a 'محتوى النظام' (System Content) menu with links to various sections:

- الرئيسية (Home)
- نشرات إرشادية للبيئة (Environmental Guidelines)
- الزراعة البيئية (Environmental Agriculture)
- القرية الريفية والتراث (Rural Village and Heritage)
- التشريعات والقوانين (Legislation and Laws)
- وحدات التحليل (Analysis Units)
- مراكز تحليل التربة والمياه والبيئة (Soil, Water, and Environment Analysis Centers)
- بحث (Search)

If we select search without entering any criteria to search, system will retrieve all pollution problems that available in the system as show Governorate name, Extension center name, Village name, Problem Date, Problem Details, and Solution Date and suggest Solution and illustrated in the following figure:

The screenshot shows the search results page. The results are displayed in a table with the following columns:

- Governorate name:** Governorate name (المحافظة)
- Extension center name:** Extension center name (المركز)
- Village name:** Village name (القرية)
- Problem Date:** Problem Date (تاريخ المشكلة)
- Problem Details:** Problem Details (تفاصيل المشكلة)
- Solution Date:** Solution Date (تاريخ الحل)
- Suggest Solution:** Suggest Solution (الحل المقترح)

The table contains several rows of data, including:

- المحافظة: أسسود, المركز: الزراني, القرية: الزراني, تاريخ المشكلة: 17/4/2004, تفاصيل المشكلة: وجود رؤوس قوم فارغة بعد التخزين بهذه قسيرة مع وجود بعض القصوص متفتحة, تاريخ الحل: 24/4/2004, الحل المقترح: السبب يرجع في ارتفاع درجة الحرارة المعزولة في قبة التخزين المبردة - المحصاد قبل تمام عملية التجميد أو عدم اجراء عملية التجميد الجاهلي بالوقت الكافي يؤدي إلى التبريد وتفتت الجذور
- المحافظة: أسسود, المركز: الزراني, القرية: الزراني, تاريخ المشكلة: 18/5/2004, تفاصيل المشكلة: جفاف قصوص القوم أثناء التخزين, تاريخ الحل: 25/5/2004, الحل المقترح: عدم ارتفاع لدرجة حرارة المعازن بالإضافة في تهيئتها



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### 1.4 Clean Agriculture subsystem

If we select the Clean Agriculture button, system will give an advanced search, that work along different categories, such as practice Kind, practice name and disease name.



If we select search without entering any criteria to search, system will retrieve all operation that available in the system as show operation name, operation usage for diseases protection, Execution method and operation impotence and illustrated in the following figure:



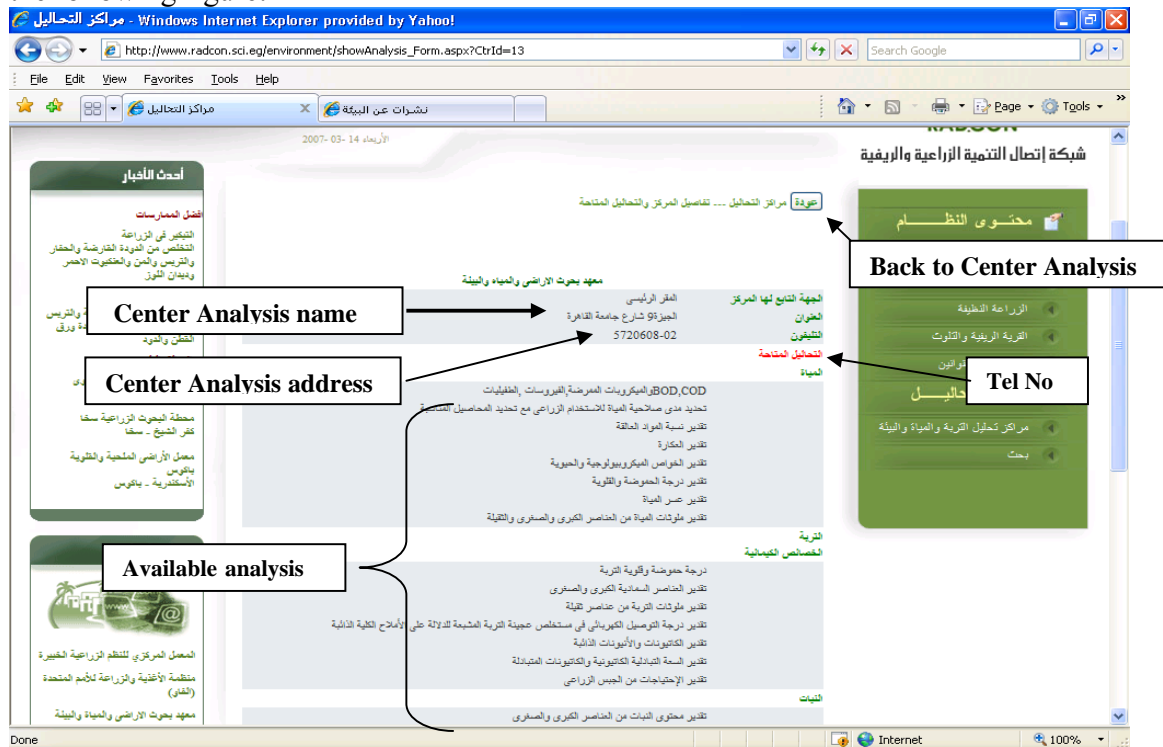
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### 1.5 Center Analysis Subsystem

If we select the Clean Agriculture button, system will give an advanced search, that work along different categories, such as practice Kind, practice name and disease name.



If we select any center analysis name, system will display the center data, as illustrated in the following figure:



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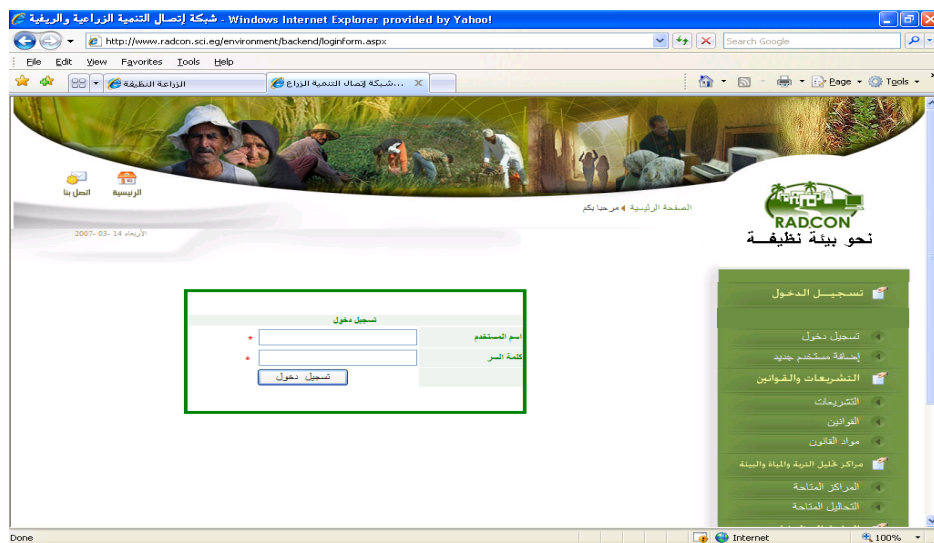
### 1.6 Center Analysis Subsystem

If we select the search button, system will give an advanced search, that work along different categories, such as practice Kind, practice name and disease name.



## 2 Back-end

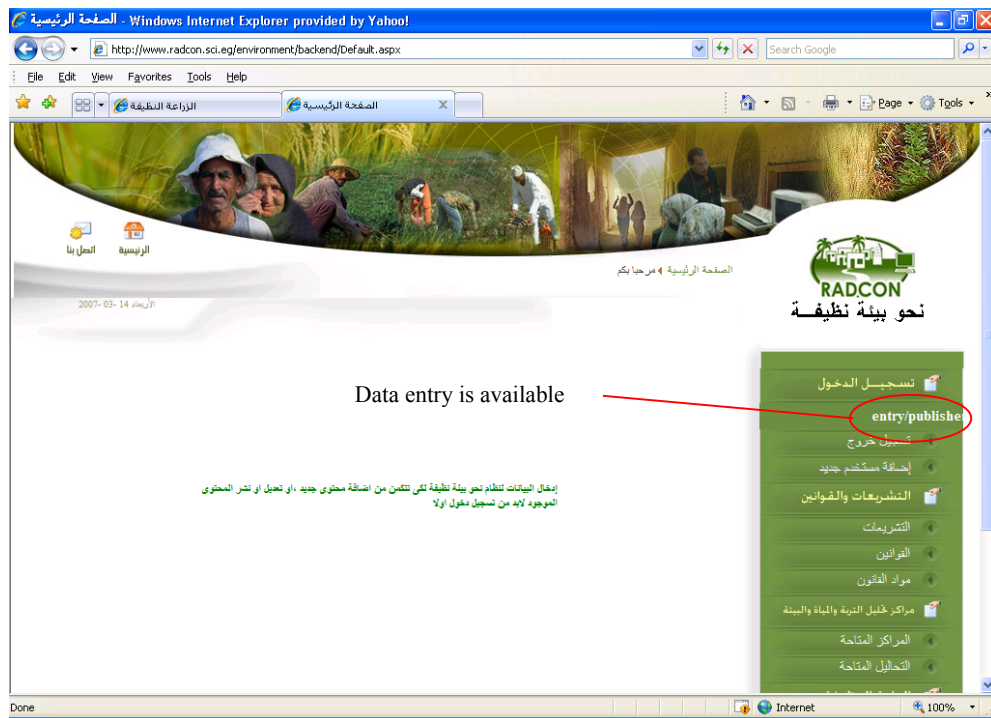
In this section we describe the back-end pages. A user can logs in with a user name and password. From home page select “ادارة الموقع”, system will display the following page:



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### 2.1 Data Entry User

System will direct the user to the suitable page based on the entered user name i.e. if the user name for data entry user, system will display the following page:



#### 2.1.1 Law and decrees Subsystem

If we select Legislation "التشريعات" subsystem, system will display all Legislation that available in the system and the status of each one (approved or unapproved), with the following abilities:

- Insert new Legislation,
- Select an Legislation to display its content,
- Update the Legislation data,
- Delete the Legislation data,

As illustrated in the following figure:

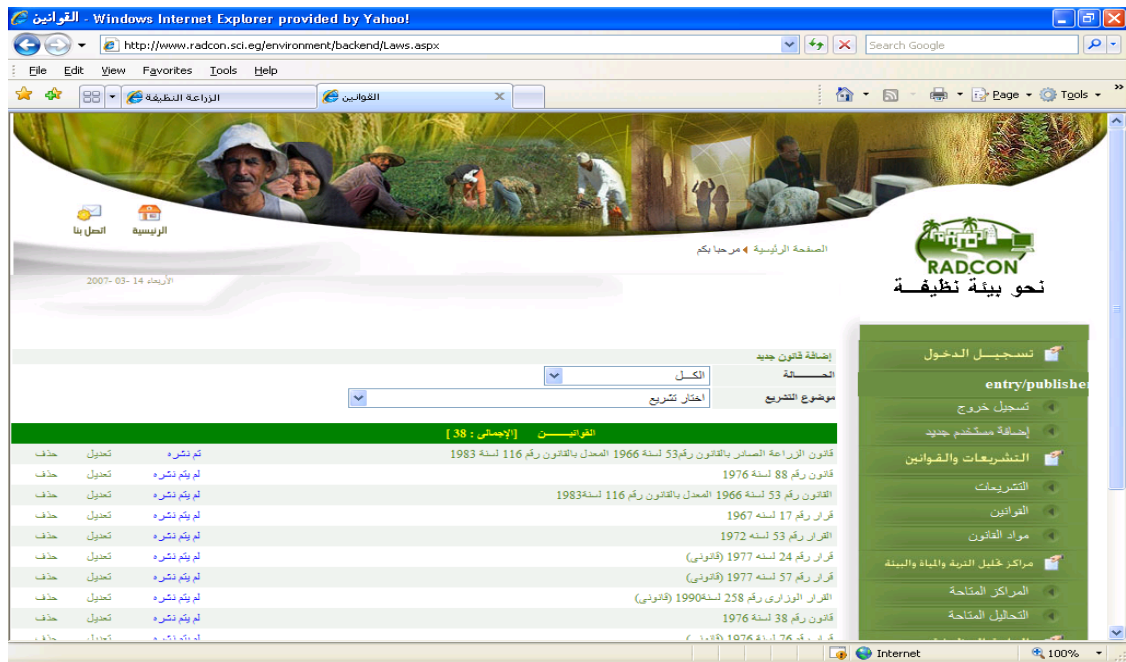
[illegible]

- Insert new law,
- Select an law to display its content,
- Update the law data,
- Delete the law data,

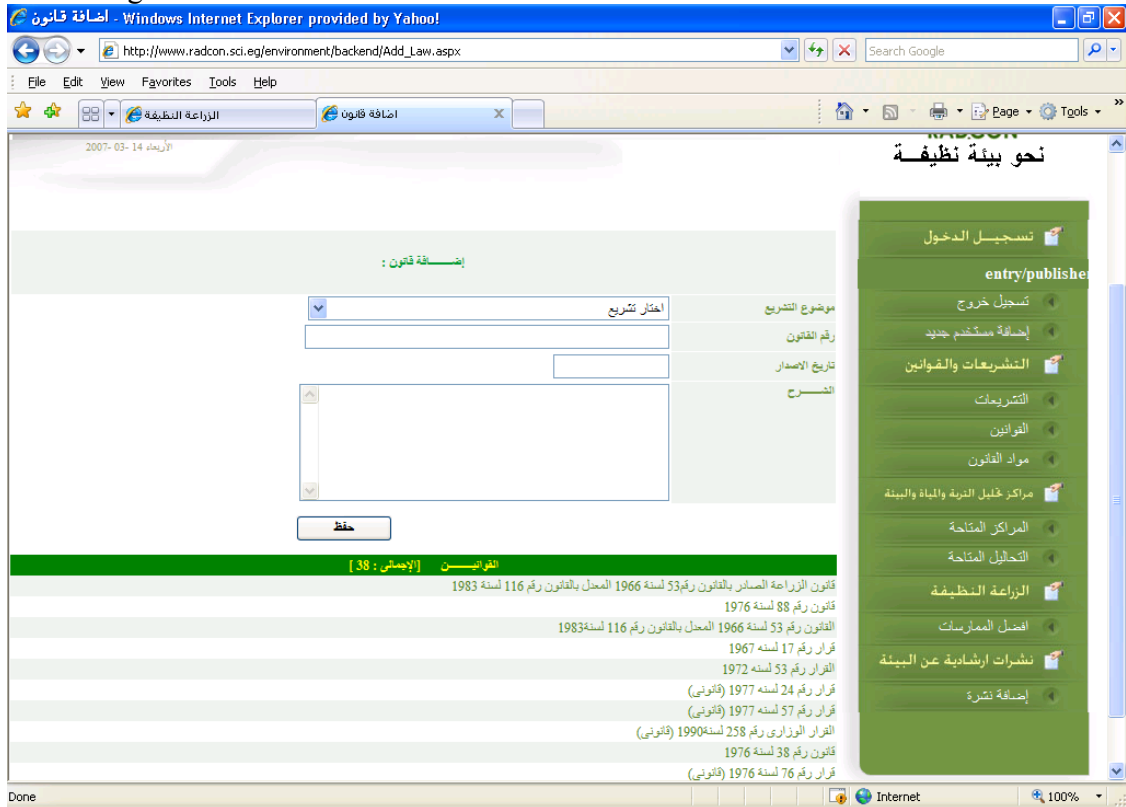
- 12 -



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"إضافة قانون جديد"



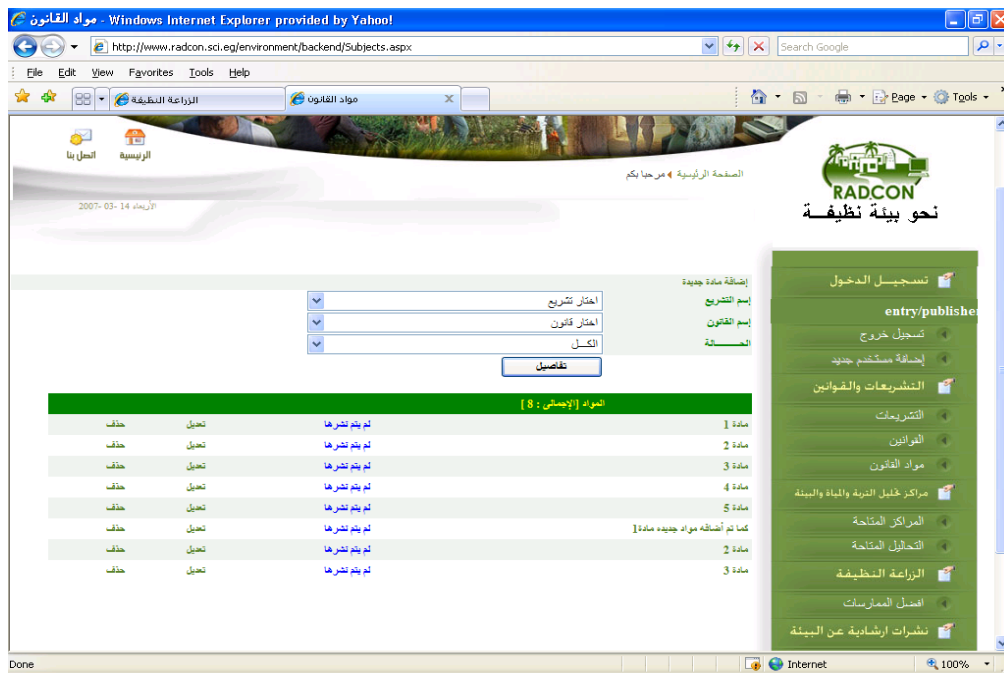
### 2.1.2 Analysis Centers Subsystem

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If we select available Center "المراكز المتاحة" subsystem, system will display all Analysis Centers that available in the system and the status of each one (approved or unapproved), with the following abilities:

- Insert new Center,
- Select an Center to display its content,
- Update the Center data,

As illustrated in the following figure:



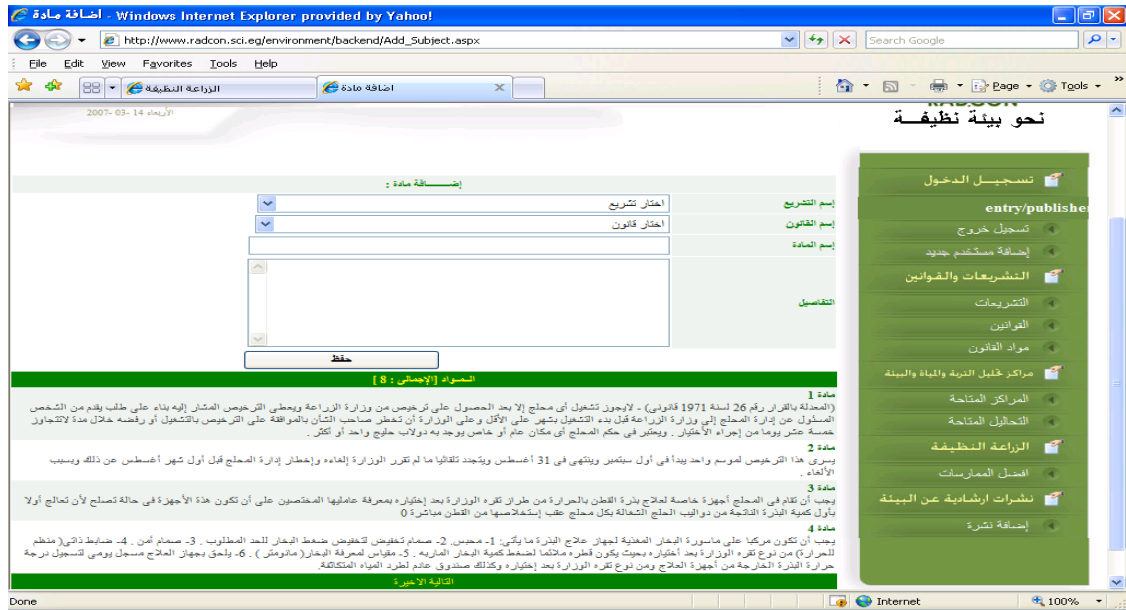
If we select available analysis "التحليل المتاحة" subsystem, system will display all soil and water analysis available for selected center name that available in the system and the status of each one (approved or unapproved), with the following abilities:

- Insert new soil and water analysis,
- Select an soil and water analysis to display its content,
- Update the soil and water analysis data,

As illustrated in the following figure:



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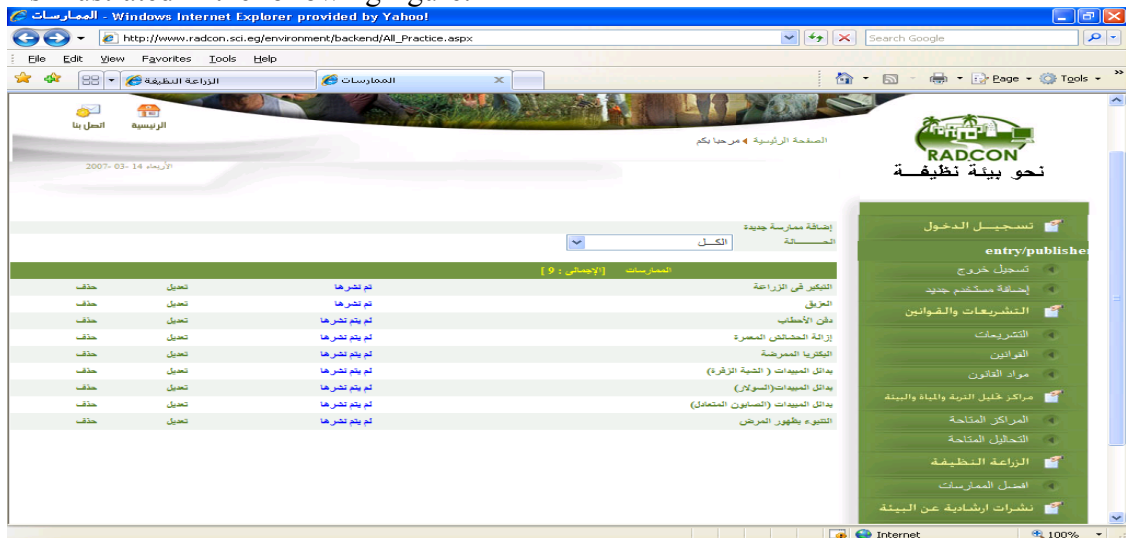


### 2.1.3 Clean agriculture subsystem

If we select "افضل الممارسات" Clean agriculture, system will display all operation practice that available in the system and the status of each practice (approved or unapproved), with the following abilities:

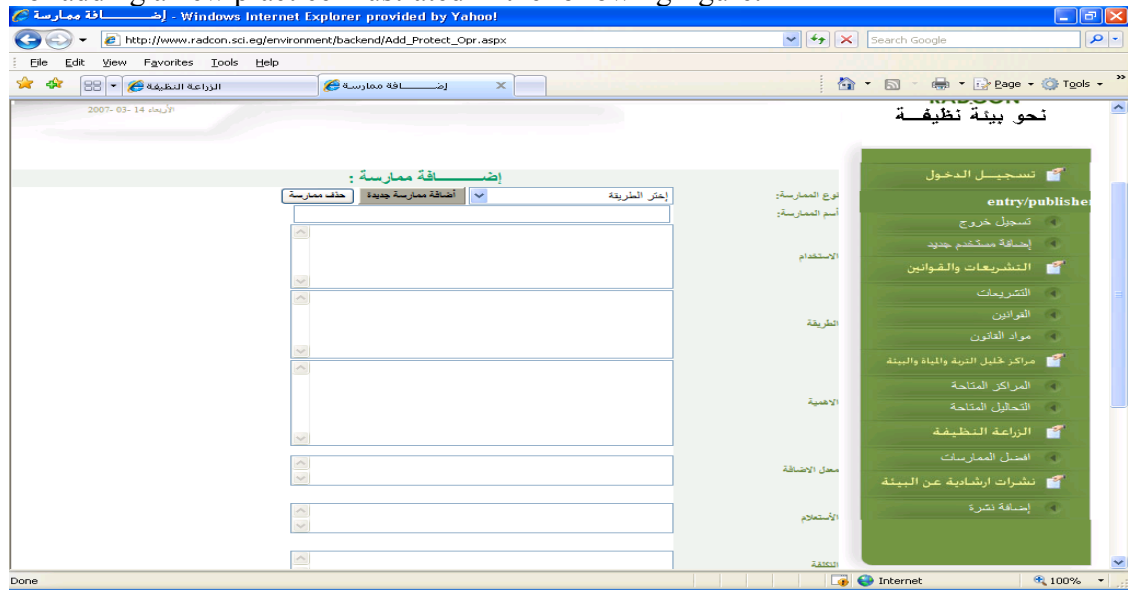
- Insert new practice,
- Select a practice to display its content,
- Update the practice data,

As illustrated in the following figure:



## Second Achievement Report for The Towards a clean Environment Module

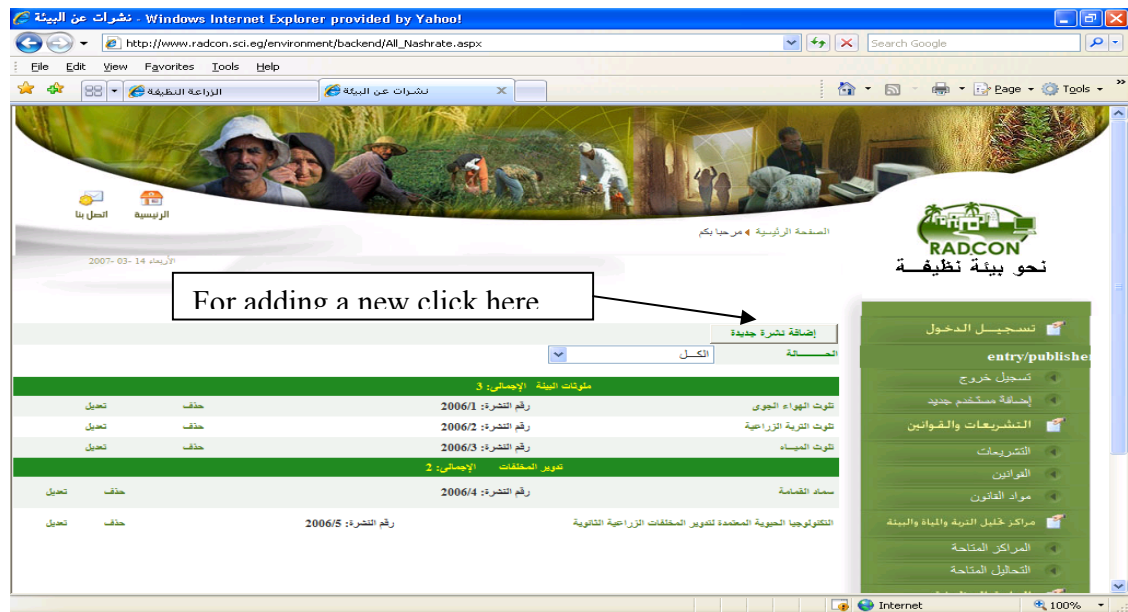
For adding a new practice illustrated in the following figure:



### 2.1.4 Environment pollution

If we select Add document, this window is showing you select the "نشرات بيئية" and then select Environment pollution "نشرات ملوثات البيئة" or Recycle wastes "نشرات تدوير المخلفات" and fill all field illustrated in the following figure:

- Insert new extension document,
- Select a extension document to display its content,
- delete the extension document data,
- Update selected extension document,
- Search in publishing extension document or not publish,



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For adding a new extension document from this figure

The screenshot shows a web browser window with the title "تحميل النشرات الإرشادية - Windows Internet Explorer provided by Yahoo!". The address bar shows the URL "http://www.vercon.sci.eg/aindexui/indexdocayman.asp". The page content includes a header with the text "شبكة اتصال البحوث و الإرشاد" and a logo. Below the header, there are several radio buttons for selecting the type of document: "نشرات ثقافية زراعية", "نشرات المرأة", "نشرات ارشادية", "نشرات بيئية", "مشروعات صغيرة", "نشرات ملوثات البيئة", and "نشرات تدمير المخلفات". A "Browse..." button is present next to a text input field. To the right of the form, there are labels for the document details: "ملف النشرة", "سنة النشر", "العدد", "عنوان النشرة", "المادة العلمية", and "مقدمة النشرة". At the bottom right, there is a button labeled "تخزين بيانات النشرة".

### 2.1.5 Environment problems

If we select Environment problems select environment from problems then select details click on "ادخال بيانات المشكلة"

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شبكة اتصال البحوث و الإرشاد

إدخال بيانات مشاكل المزارعين

تحتوي هذه الصفحة على شاشة ادخال بيانات مشاكل المزارعين ويتم تحديد تاريخ المشكلة وتفاصيل هذه المشكلة وتاريخ الحل المقترح وتفاصيل الحل المقترح لهذه المشكلة

متابع مسار المشكلات

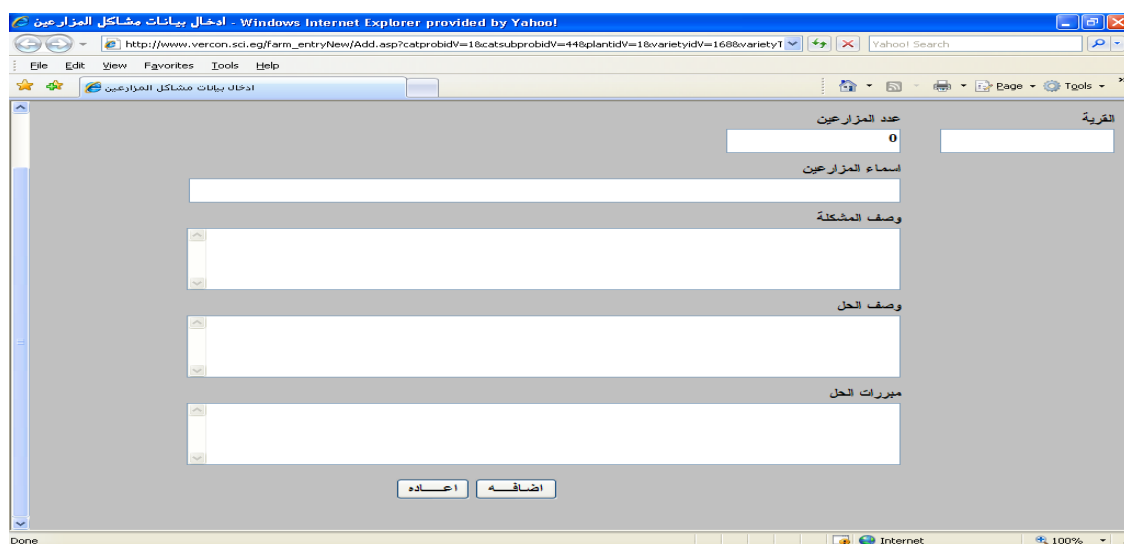
مشاكل يجب توضيحها

التفاصيل

المشاكل

إدخال بيانات المشكلة

Insert new problem village name, farmer name, problem description, solution description and solution Justifications .



عدد المزارعين

القرية

0

اسماء المزارعين

وصف المشكلة

وصف الحل

مميزات الحل

إضافة

إعادة

## Second Achievement Report for The Towards a clean Environment Module

### 2.2 publishers User

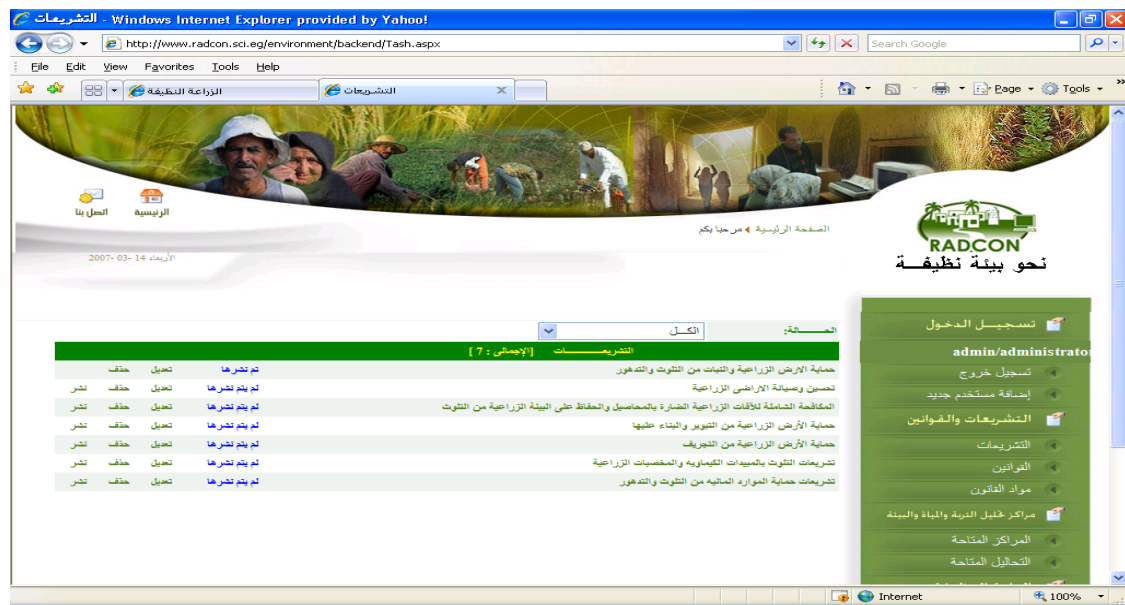
If the user name for **publisher's** user, system will display all data that enter by his domain data entry, and has ability to publish, delete, browse, update and search as shown in subsystem.

#### 2.2.1 Law and decrees Subsystem

If we select add Legislation "التشريعات" subsystem, system will display all Legislation that available in the system and the status of each one (approved or unapproved), with the following abilities:

- Publishing Legislation data, (review and suggestions for improvement)
- Select an Legislation to display its content,
- Update the Legislation data,
- Delete Legislation,
- Search based on the Legislation status.

As illustrated in the following figure:



If we select add law "القوانين" subsystem, system will display all laws that available in the system and the status of each one (approved or unapproved), with the following abilities:

- Publishing law data, (review and suggestions for improvement)
- Select an law to display its content,
- Update the law data,
- Delete law,
- Search based on the law status.

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As illustrated in the following figure:



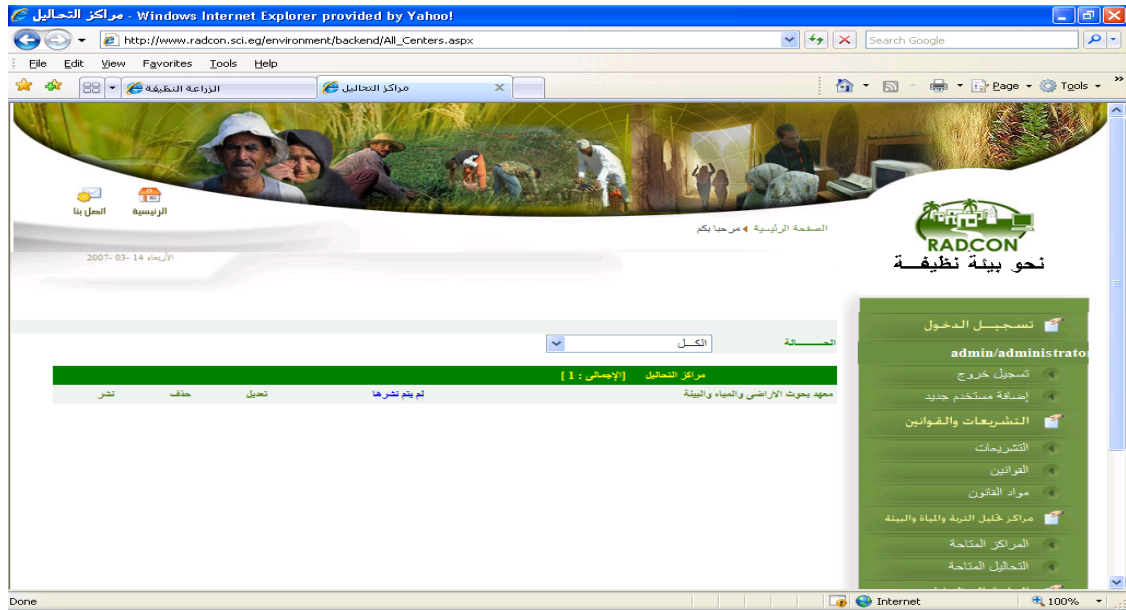
### 2.2.2 Analysis Centers Subsystem

If we select available Center "المراكز المتاحة" subsystem, system will display all Analysis Centers that available in the system and the status of each one (approved or unapproved), with the following abilities:

- Publishing Center data, (review and suggestions for improvement)
- Select an Center to display its content,
- Update the Center data,
- Delete Center,
- Search based on the Center status.

As illustrated in the following figure:

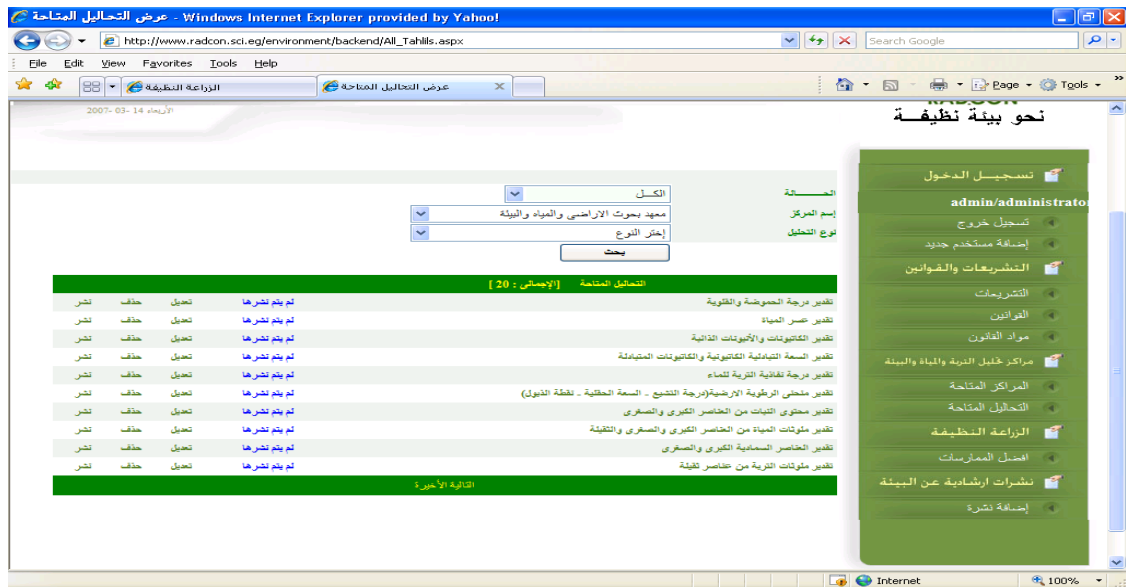
## Second Achievement Report for The Towards a clean Environment Module



If we select available analysis "التحاليل المتاحة" subsystem, system will display all soil and water analysis available for selected center name that available in the system and the status of each one (approved or unapproved), with the following abilities:

- Publishing soil and water analysis data, (review and suggestions for improvement)
- Select an soil and water analysis to display its content,
- Update the soil and water analysis data,
- Delete soil and water analysis,
- Search based on the soil and water analysis status

As illustrated in the following figure:





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### 2.2.3 Clean agriculture subsystem

If we best practice "افضل الممارسات" on Clean agriculture, system will display all operation practice that available in the system and the status of each practice (approved or unapproved), with the following abilities:

- Publishing practice data, (review and suggestions for improvement)
- Select practice to display its content,
- Update the practice data,
- Delete practice,
- Search based on the practice status

As illustrated in the following figure:



### 2.3 Administrator User

If the user name for administrator user, system will display the following page:

Add new publisher user.

Add new data entry user.

And manage all data of publish, delete, update and created users for data entry and publisher.

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### 2.3.1 Adding new user



For adding a new users as follow in figure

