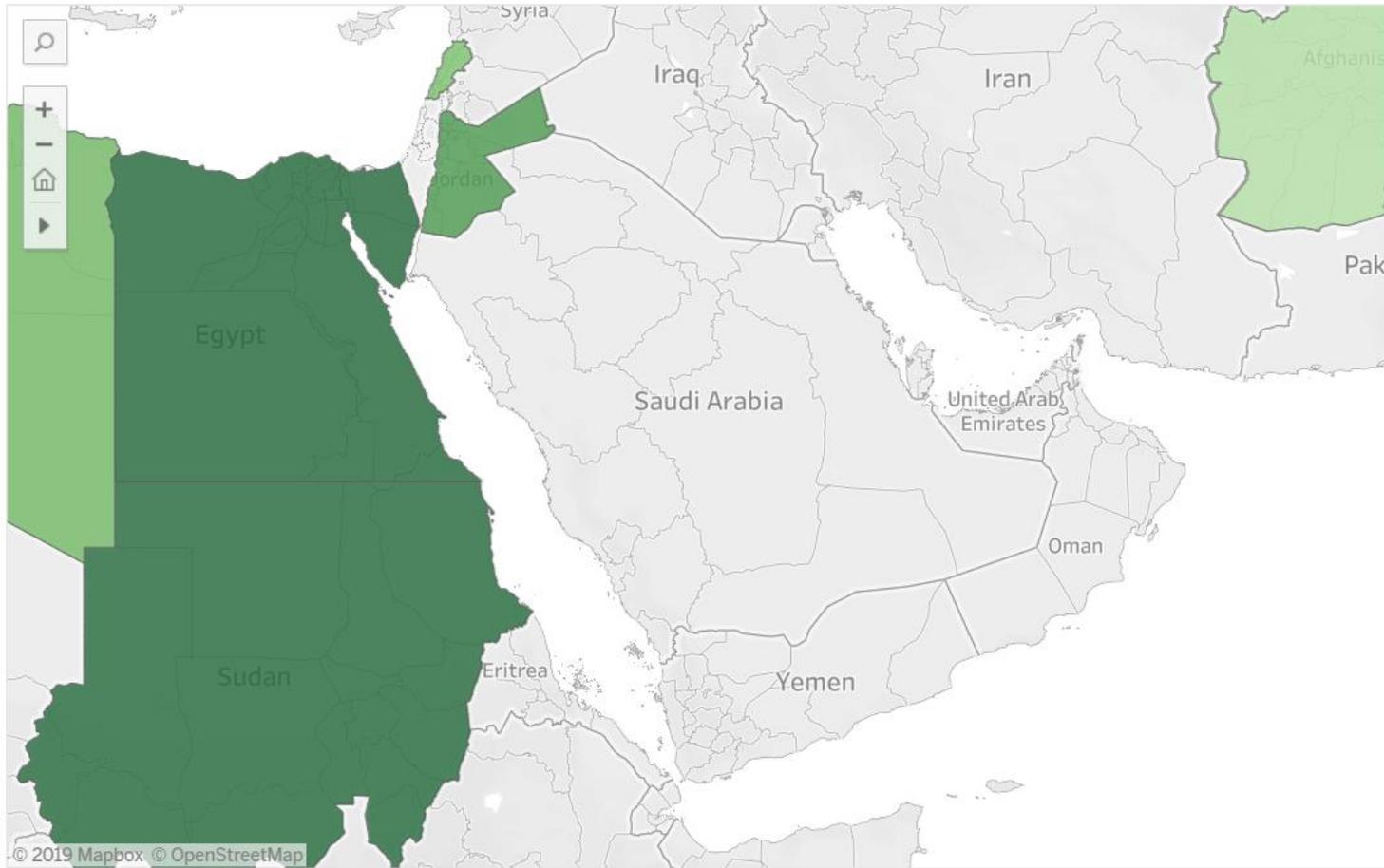


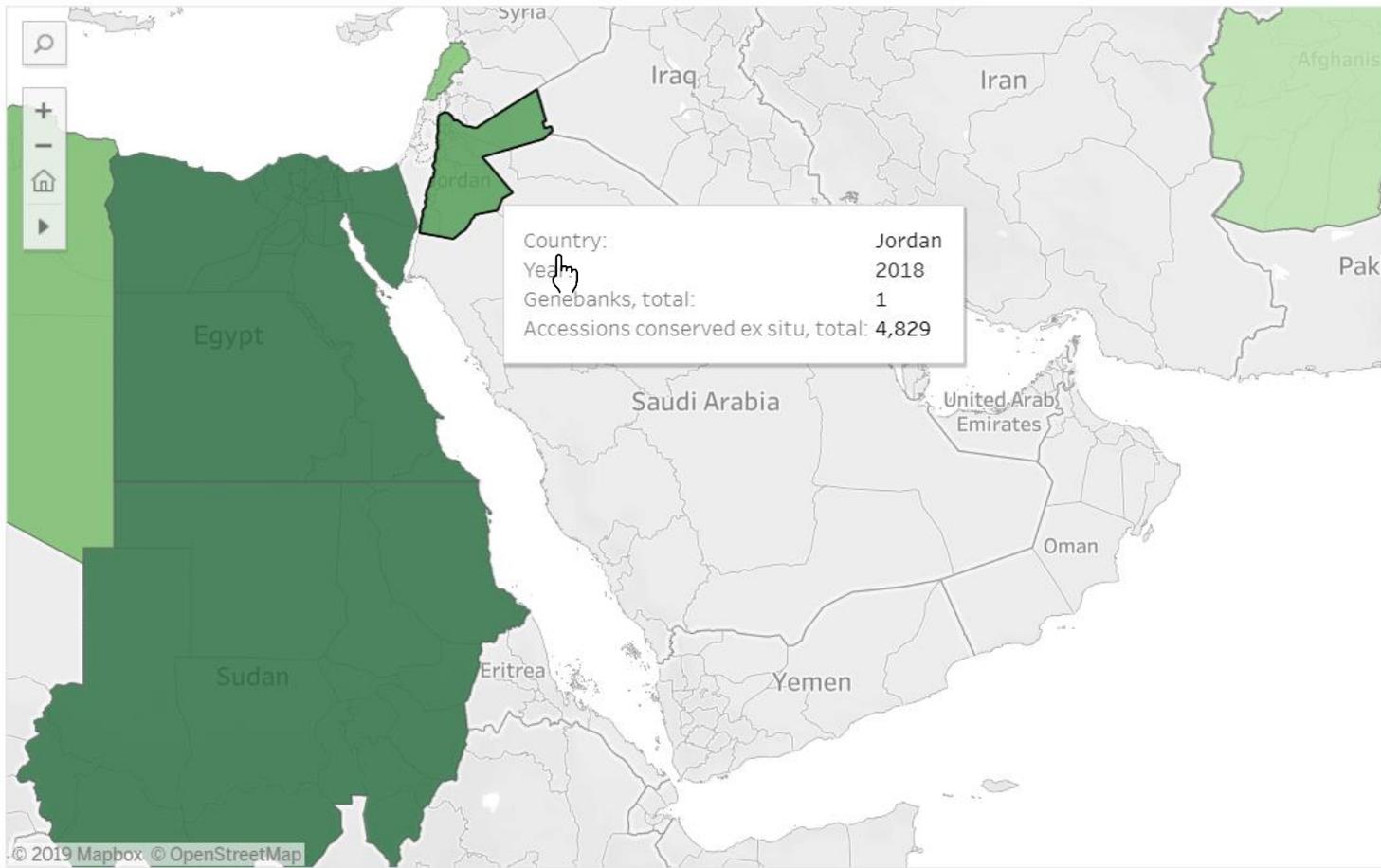
Number of accessions conserved *ex situ* under medium or long-term conditions



Number of accessions conserved *ex situ* under medium or long-term conditions by region



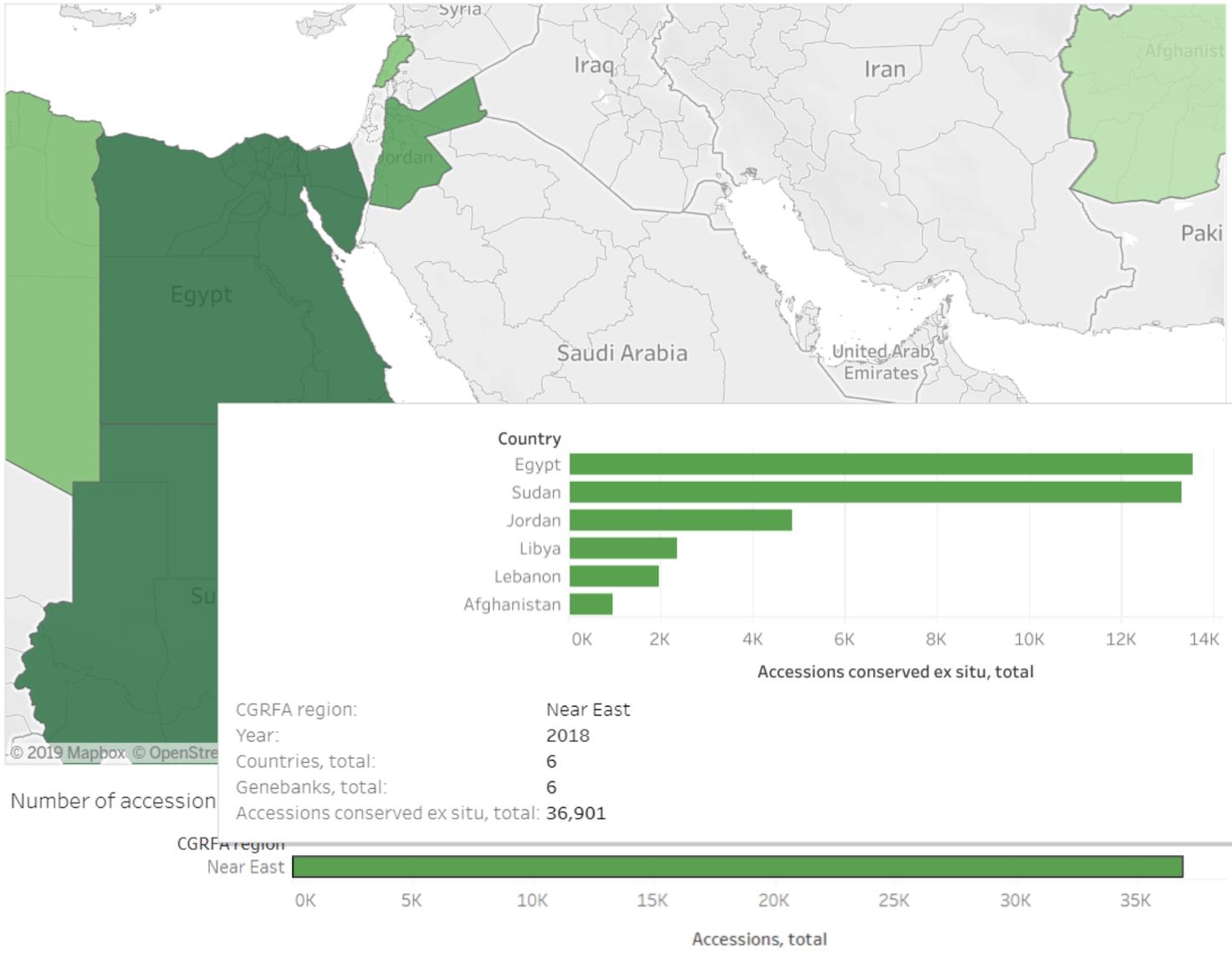
Number of accessions conserved *ex situ* under medium or long-term conditions



Number of accessions conserved *ex situ* under medium or long-term conditions by region



Number of accessions conserved *ex situ* under medium or long-term conditions



Number of accession



WIEWS - World Information and Early Warning System on Plant Genetic Resources for Food and Agriculture

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------	------------	------	-----------	----------

Ex Situ (SDG 2.5.1)

Geo-referenced gene... of accessions, genera...

- Second Global Plan of Action
- Ex Situ (SDG 2.5.1)
- Organizations
- Search

- Overview
- Maps

2018

All

Crop

... of their germplasm holdings in terms of number (national) and year.

National x Regional

Show as Table



WIEWS - World Information and Early Warning System on Plant Genetic Resources for Food and Agriculture

Ex Situ (SDG 2.5.1) - Maps

Geo-referenced genebanks and their holdings are displayed on the map. They can be filtered by the size of their germplasm holdings in terms of number of accessions, genera and species conserved, as well as by their mandate (national, regional, international) and year.

2020 ▾

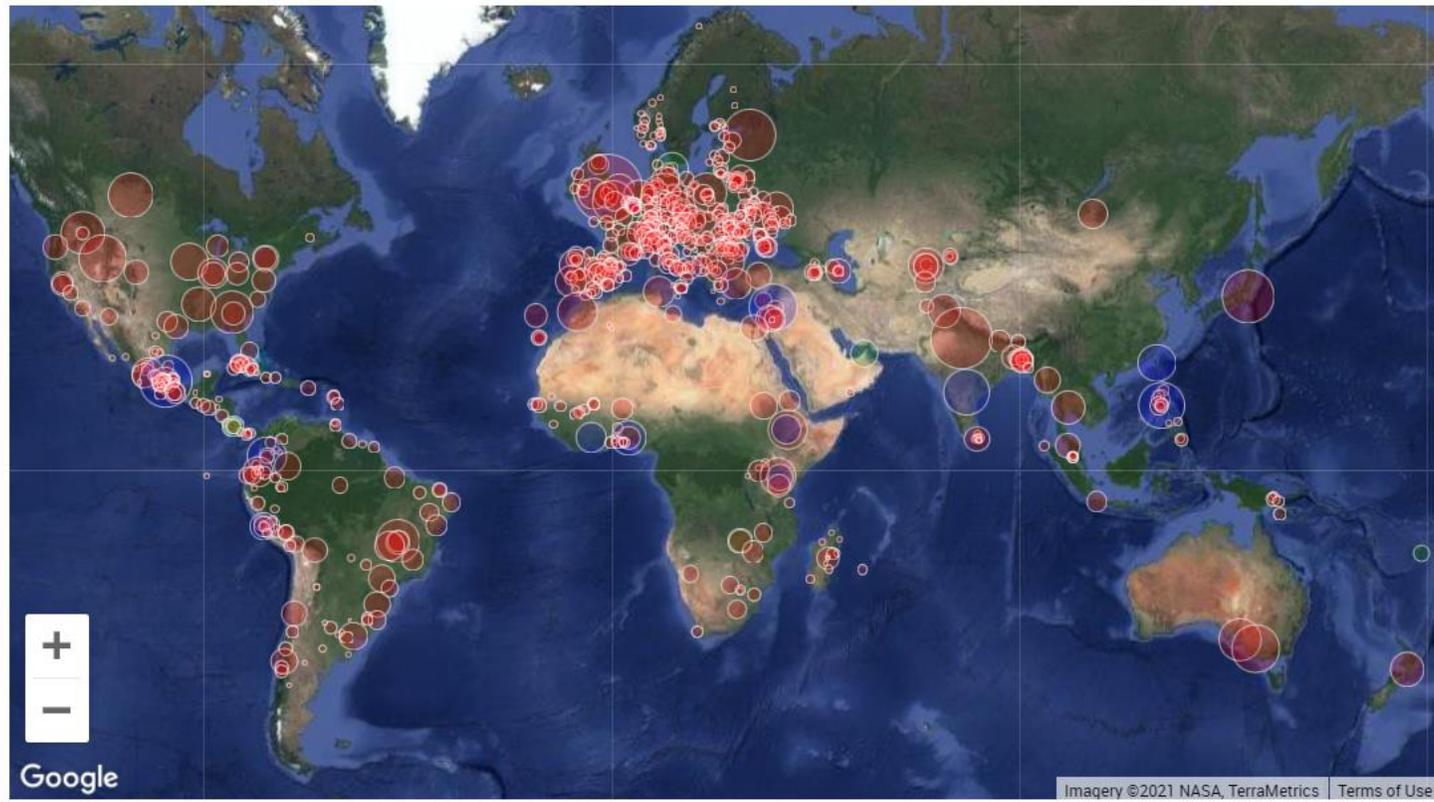
All ▾

Crop X

Accessions ▾

International National Regional

Show as Table



Ex Situ (SDG 2.5.1) - Maps

Geo-referenced genebanks and their holdings are displayed on the map. They can be filtered by the size of their germplasm holdings in terms of number of accessions, genera and species conserved, as well as by their mandate (national, regional, international) and year.

2018

All

Crop X

Accessions

x International x National x Regional

Show as Table



Ex Situ (SDG 2.5.1) - Maps

Geo-referenced genebanks and their holdings are displayed on the map. They can be filtered by the size of their germplasm holdings in terms of number of accessions, genera and species conserved, as well as by their mandate (national, regional, international) and year.

2018 ▾
All ▾
Crop X

Accessions ▾
× International × National × Regional

Show as Table



Ex Situ (SDG 2.5.1) - Maps

Geo-referenced genebanks and their holdings are displayed on the map. They can be filtered by the size of their germplasm holdings in terms of number of accessions, genera and species conserved, as well as by their mandate (national, regional, international) and year.

2018

All

Barley X

Accessions

x International x National x Regional

Show as Table





WIEWS - World Information and Early Warning System on Plant Genetic Resources for Food and Agriculture

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- Data
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Ex situ search

Accession-level information of plant genetic resources secured in genebanks (*ex situ*) under medium and long term storage can be retrieved through the search below.

Results

Back to Search

Download Results

Showing 1 to 25 of 5020 rows 25 rows per page

< 1 2 3 4 5 ... 201 >

Holding institute	Accession number	Taxon	Acquisition date	Storage
ARE003	ICBA01970	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01971	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01972	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01973	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01974	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01975	Hordeum vulgare	1999	12) Seed medium-term

Ex situ search

Accession-level information of plant genetic resources secured in genebanks (*ex situ*) under medium and long term storage can be retrieved through the search below.

Details

[Back to Results](#)

2018

Holding institute code and name	ARE003 - International Center for Biosaline Agriculture
Holding institute country	-
Accession number	ICBA01970
DOI	-
Name of taxon	Hordeum vulgare 
Name of crop	Barley
Acquisition date (YYYY/MM)	1999
Country of origin	Oman
Biological status of accession	300) Traditional cultivar/Landrace
Genebank(s) holding safety duplications	-
Latitude of collecting site (decimal degrees format)	-
Longitude of collecting site (decimal degrees format)	-
Collecting/acquisition source	-
Type of germplasm storage	12) Seed medium-term
Status under the Multilateral System	-
Data owner	ARE003 - International Center for Biosaline Agriculture

Ex situ search

Accession-level information of plant genetic resources secured in genebanks (*ex situ*) under medium and long term storage can be retrieved through the search below.

Results

[Back to Search](#)

[Download Results](#)

Showing 1 to 25 of 5020 rows rows per page

< 1 2 3 4 5 ... 201 >

Holding institute	Accession number	Taxon	Acquisition date	Storage
ARE003	ICBA01970	Hordeum vulgare	1999	12) Seed medium-term
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ARE003	ICBA01974	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01975	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01976	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01977	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01978	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01979	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01980	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01981	Hordeum vulgare	1999	12) Seed medium-term

Ex situ search

Wiews_Exsitu_1574787503666.csv - Excel

Diulgheroff, Stefano (AGPM) Share

Year	Country IS	Country n	Holding ir	Holding ir	Accession DOI	Taxon	Genus	Species	Crop nam	Acquisitio	Country of	Country of	Biological	Genebank	Genebank	Latitude o	Longitude	Collecting	Type of ge	Status unc	Data ov
2018	icb	ICBA	ARE003	Internatio	ICBA12409	Hordeum	Hordeum	vulgare	Wild bark	2012/12	ISR	Israel	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12410	Hordeum	Hordeum	vulgare	Wild bark	2012/12	ISR	Israel	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12411	Hordeum	Hordeum	vulgare	Wild bark	2012/12	ISR	Israel	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12412	Hordeum	Hordeum	vulgare	Wild bark	2012/12	ISR	Israel	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12413	Hordeum	Hordeum	vulgare	Wild bark	2012/12	ISR	Israel	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12417	Hordeum	Hordeum	vulgare	Wild bark	2012/12	ISR	Israel	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12418	Hordeum	Hordeum	vulgare	Wild bark	2012/12	ISR	Israel	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12422	Hordeum	Hordeum	vulgare	Wild bark	2012/12	IRN	Iran (Islar	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12424	Hordeum	Hordeum	vulgare	Wild bark	2012/12	IRN	Iran (Islar	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12432	Hordeum	Hordeum	vulgare	Wild bark	2012/12	TUR	Turkey	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12435	Hordeum	Hordeum	vulgare	Wild bark	2012/12	TUR	Turkey	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12436	Hordeum	Hordeum	vulgare	Wild bark	2012/12	TUR	Turkey	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12437	Hordeum	Hordeum	vulgare	Wild bark	2012/12	TUR	Turkey	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12440	Hordeum	Hordeum	vulgare	Wild bark	2012/12	TUR	Turkey	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12414	Hordeum	Hordeum	vulgare	Wild bark	2012/12	ISR	Israel	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12415	Hordeum	Hordeum	vulgare	Wild bark	2012/12	ISR	Israel	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12416	Hordeum	Hordeum	vulgare	Wild bark	2012/12	ISR	Israel	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12419	Hordeum	Hordeum	vulgare	Wild bark	2012/12	IRN	Iran (Islar	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12420	Hordeum	Hordeum	vulgare	Wild bark	2012/12	IRN	Iran (Islar	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12421	Hordeum	Hordeum	vulgare	Wild bark	2012/12	IRN	Iran (Islar	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12423	Hordeum	Hordeum	vulgare	Wild bark	2012/12	IRN	Iran (Islar	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12425	Hordeum	Hordeum	vulgare	Wild bark	2012/12	IRN	Iran (Islar	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12427	Hordeum	Hordeum	vulgare	Wild bark	2012/12	TKM	Turkmenis	100	Wild					12) Seed medium-term	Intern	
2018	icb	ICBA	ARE003	Internatio	ICBA12428	Hordeum	Hordeum	vulgare	Wild bark	2012/12	TJK	Tajikistan	100	Wild					12) Seed medium-term	Intern	

Wiews_Exsitu_1574787503666

ARE003	ICBA01979	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01980	Hordeum vulgare	1999	12) Seed medium-term
ARE003	ICBA01981	Hordeum vulgare	1999	12) Seed medium-term

WIEWS - World Information and Early Warning System on Plant Genetic Resources for Food and Agriculture

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Ex situ search

Accession-level information can be retrieved through the search below.

Year

2018

Holding institute

ARE003

Current selected institute(s)

ARE003 - ICBA - International Center for Biosaline Agriculture

Crop

Crop

Crop Wild Relatives

Excluded

Genus

Species

- Second Global Plan of Action
- Ex Situ (SDG 2.5.1)**
 - Overview
 - Maps
 - Search**
- Organizations

✕ +

✕

✕ +

✕ +

2018

Country

Holding institute

ARE003



Current selected institute(s)

ARE003 - ICBA - International Center for Biosaline Agriculture x



Crop

Barley

Crop Wild Relatives

Included



Genus

Genus

Species

Species



Current selected element(s)

Hordeum vulgare x Hordeum stenostachys x Hordeum secalinum x Hordeum roshevitzii x Hordeum pusillum x
Hordeum procerum x Hordeum parodii x Hordeum muticum x Hordeum murinum x Hordeum marinum x
Hordeum lechleri x Hordeum lagunculiforme x Hordeum jubatum x Hordeum comosum x Hordeum chilense x
Hordeum capense x Hordeum bulbosum x Hordeum brevisubulatum x Hordeum brachyantherum x
Hordeum bogdanii x



Accession number

Accession number

DOI

DOI

Country of origin

Country of origin

Status under the Multilateral System

Status under the Multilateral System

Biological status of accession

Type of germplasm storage

Sustainable Development Goals

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- News
- Events
- Goals
- Partnerships in action
- Tracking progress
- Indicators**



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- FAO and the SDG Indicators Newsletter
- February 2021 | Special issue on fisheries and aquaculture
 - Previous releases

Assessment of country capacity

FAO's Statistical Capacity Assessment survey for SDG Indicators provides insights about member countries' national statistical systems in regard to their capacity to monitor and report the 21 SDG indicators under FAO custodianship. Details on the assessment conducted by FAO in 2018/19 and the resulting country profiles can be found [here](#).

Methods and data

Highlights





Assessment of country capacity

FAO's Statistical Capacity Assessment survey for SDG Indicators provides insights about member countries' national statistical systems in regard to their capacity to monitor and report the 21 SDG indicators under FAO custodianship. Details on the assessment conducted by FAO in 2018/19 and the resulting country profiles can be found [here](#).

Methods and data

FAO is the custodian UN agency for 21 SDG indicators and is a contributing agency for a further 5. In this capacity, FAO is supporting countries' efforts in monitoring the 2030 Agenda.

Visit the pages below to find out more about the FAO SDG indicators - methodology, key results, events and focal points.

Indicators under FAO custodianship



- 2.1.1 Hunger
- 2.1.2 Severity of food insecurity
- 2.3.1 Productivity of small-scale food producers
- 2.3.2 Income of small-scale food producer
- 2.4.1 Agricultural sustainability

- [2.5.1.a Conservation of plant genetic resources for food and agriculture](#)
- 2.5.1.b Conservation of animal genetic resources for food and agriculture
- 2.5.2 Risk status of livestock breeds
- 2.a.1 Public Investment in agriculture
- 2.c.1 Food price volatility

Highlights

- [SDG Progress Digital Report \(2019\)](#)
- [NEW E-learning course | Fish stocks sustainability](#)
- [E-learning courses on SDG indicators: Take the courses and get your certificates!](#)

FAO and the SDG Indicators - Newsletter

- [September 2019](#)
- [September 2019 | Special Issue on Indicators 2.3.1 and 2.3.2](#)
- [August 2019 | Special Issue on Indicator 6.4.1](#)

Events

- [1-5 December 2019 \(Muscat, Oman\) | Introduction to the 2030 Agenda: Experiences and Lessons Learned on integration and implementation](#)
- [15-18 October 2019 \(Addis Ababa, Ethiopia\) | Workshop on SDG indicators 6.4.1 and 6.4.2 for Eastern Africa](#)

Opens internal link in current window



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- Partnerships in action
- Tracking progress
- Indicators**



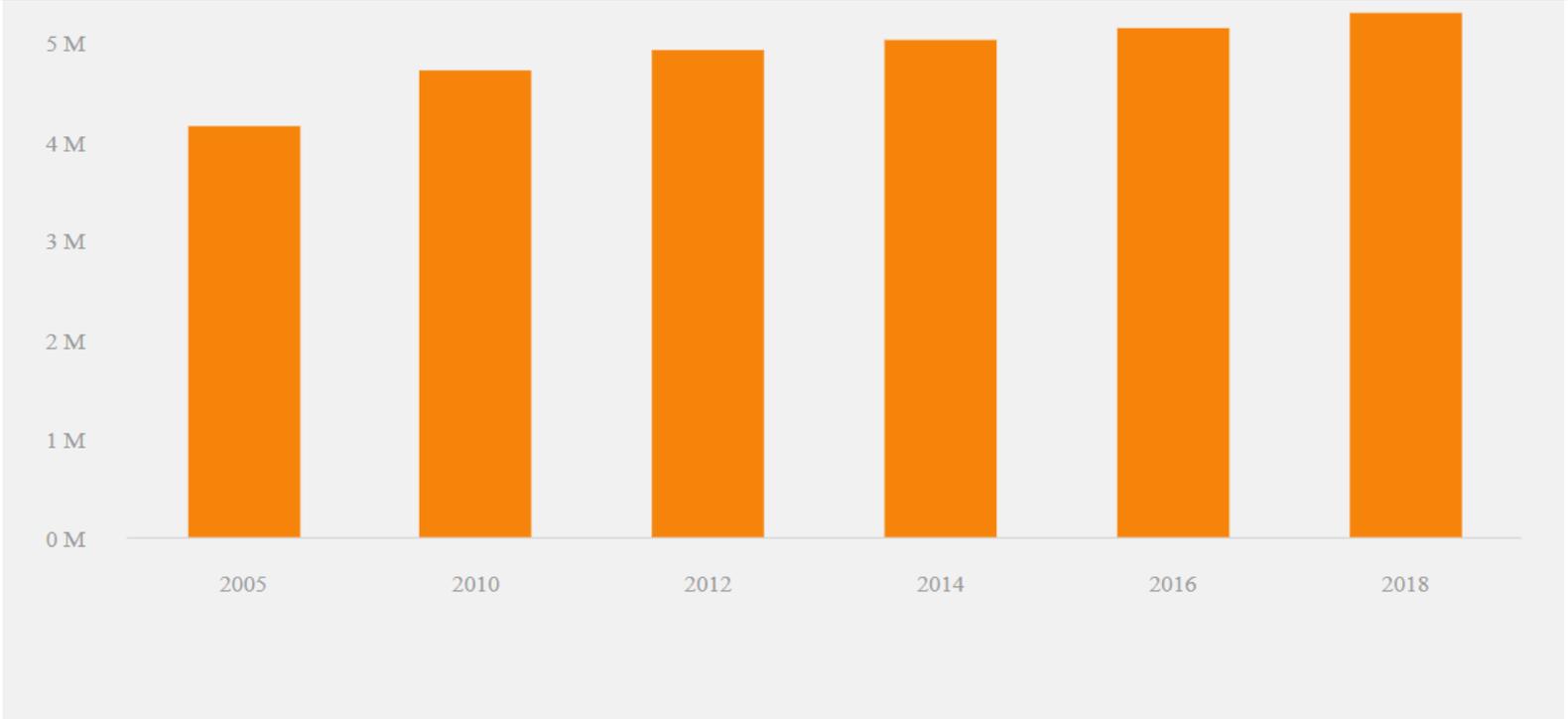
Indicator 2.5.1.a - Number of plant genetic resources for food and agriculture secured in medium or long term conservation facilities

The conservation of plant genetic resources for food and agriculture in medium or long term conservation facilities (ex situ in genebanks) represents the most trusted means of conserving genetic resources worldwide. This indicator will measure progress towards target 2.5.

Target 2.5

By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed.





Impact

The measure of trends in *ex situ* conserved materials provides an overall assessment of the extent to which we are managing to maintain and/or increase the total genetic diversity available for future use and thus protect it from any permanent loss of genetic diversity which may occur on-farm and in the natural habitat.

This information is key to support the livelihood of the world's population with sufficient, diverse and nutritious diets long into the future.

Key results

At the end of 2018, global holdings of plant genetic materials conserved in genebanks in 99 countries and 17 regional and international centers totaled 5.3 million samples, representing a 1.8 percent increase over the previous year. This increase was mainly due to the movement of existing materials to medium or long term conservation facilities rather than newly added diversity collected from

SDG Progress Digital Report (2019)

Methodology

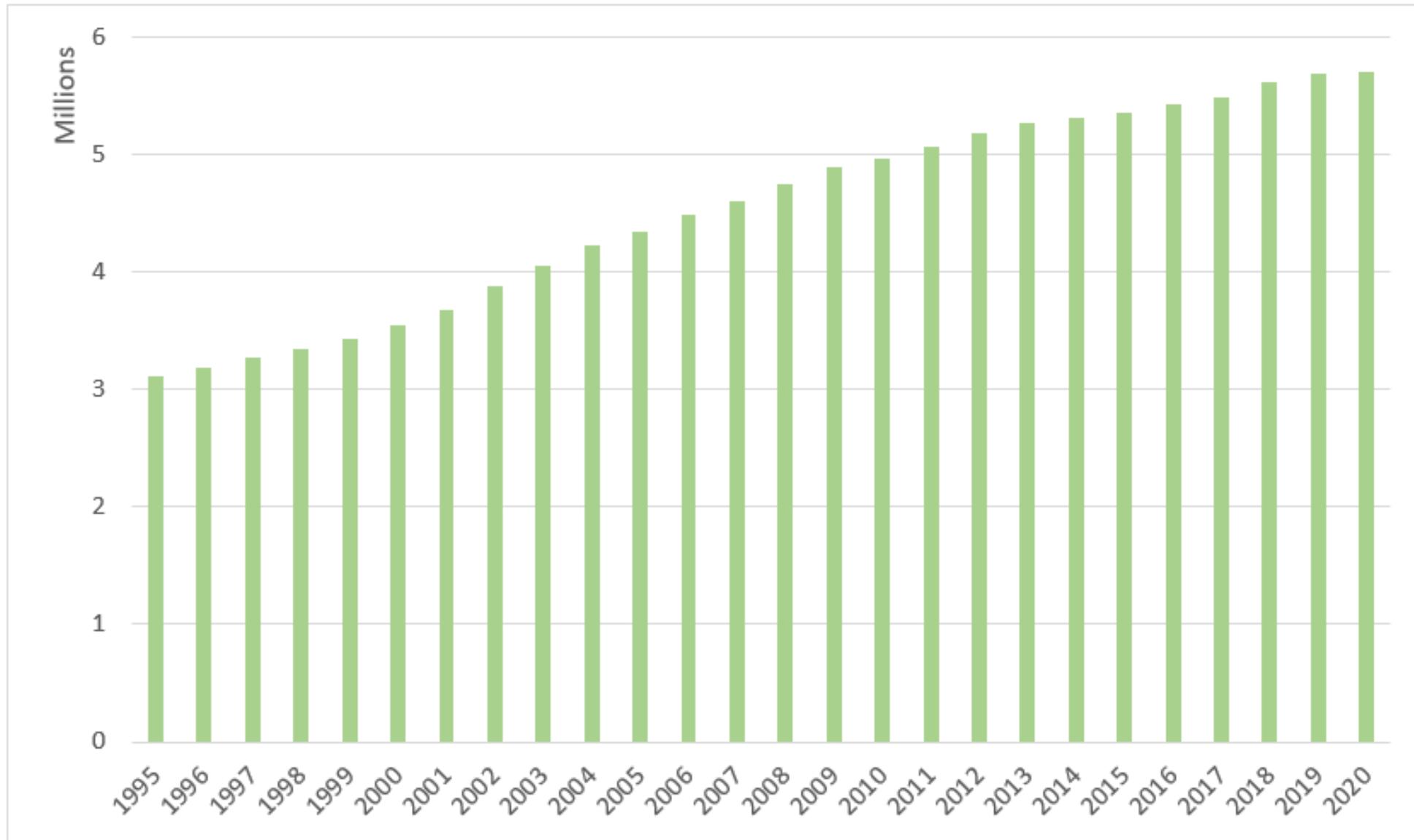
[Metadata \(EN, AR, RU\)](#)

Opens external link in new window

Tier: I

[Tier Classification](#)

Data



- لم تُلاحظ أي تغييرات كبيرة مقارنة بالعام السابق في الحيازات العالمية من الموارد الوراثية/الجينية النباتية للأغذية والزراعة في عام 2020.
- في نهاية عام 2020، ورد أنه تم حفظ **5.7 مليون** مدخل من الموارد الوراثية/الجينية النباتية للأغذية والزراعة في ظل ظروف متوسطة أو طويلة الأجل في **831** بنكاً للجينات من قبل **114** دولة و **17** مركزاً إقليمياً ودولياً للبحوث، بزيادة قدرها **0.2** في المائة عن العام السابق.
- انخفض معدل نمو الحيازات العالمية في السنوات العشر الماضية ليصل إلى أدنى مستوى له في عام 2020. ومن المحتمل أن تكون السنة الأولى لوباء كورونا (COVID) قد عجلت بهذا الاتجاه السلبي من خلال التأثير على عمليات بنوك الجينات، بما في ذلك أنشطة جمع الأصول الوراثية الجديدة والاستحواذ عليها.

٢-٥-١ أ - التقرير العالمي

- ساعدت العملية التحضيرية الجارية التقرير الثالث عن حالة الموارد الوراثية النباتية للأغذية والزراعة في العالم على زيادة عدد البلدان المبلغة من 103 إلى 114 دولة. وكانت البلدان المبلغة حديثاً 4 من أمريكا الوسطى و 3 من غرب أفريقيا وآسيا الوسطى، وواحد من جنوب شرق آسيا. تعكس الزيادة وعياً أفضل بأهمية الحفاظ على المقتنيات خارج الموقع ومراقبتها.
- بشكل عام، لا يزال تنوع الأقارب البرية للمحاصيل، ونباتات الأغذية البرية، وأنواع المحاصيل المهملة وغير المستغلة بشكل كافٍ، غير ممثلة تمثيلاً ناقصاً في المجموعات خارج الموقع الطبيعي، وهذا يمثل مصدر قلق خاص نظراً للضغط المتزايد الذي تواجهه هذه الأنواع النباتية في كل من البيئات الطبيعية والزراعية.

٢-٥-١ أ - التقرير العالمي

- اعتباراً من ديسمبر 2020، قام **355** بنكاً جينياً حول العالم بحفظ **125,027** عينة من أكثر من **2,276** نوعاً مدرجاً في فئات IUCN ذات الأهمية العالمية. من بين هذه المحاصيل غير المستغلة بالكامل والأقارب البرية للمحاصيل ذات الأهمية الخاصة للأمن الغذائي العالمي والمحلي، وكذلك سبل العيش في البيئات الهامشية، مثل المناطق القاحلة وشبه القاحلة. وهي تشمل قطن المرتفعات، والبطاطا الحلوة، والقهو، والخوخ، والمشمش، وقطن المشرق، والتفاح، والفاصوليا، والفاصوليا طوال العام، وكذلك الأقارب البرية للقمح والشوفان والحمص والترمس والأرز.
- على مدى السنوات الخمس والعشرين الماضية، كان الضغط المتزايد الذي يمارسه تغير المناخ على المحاصيل والتنوع المرتبط بالمحاصيل في ظل الظروف البرية مثير للخوف. كانت الأقارب البرية للمحاصيل والنباتات الغذائية البرية وأنواع المحاصيل المهملة وغير المستغلة من بين المجموعات النباتية الأكثر تعرضاً للخطر. لم تكن الاستجابة العالمية في الحفاظ على تنوع المحاصيل في المرافق القياسية المتوافقة خارج الموقع الطبيعي كافية لمواجهة التهديدات المتزايدة. لا تزال مجموعات النباتات المهددة بالانقراض مفقودة في مجموعات بنك الجينات أو ضعف تمثيل تنوعها داخل النوع.

■ عقدت ورشة عمل تدريبية عالمية في روما / المقر الرئيسي لمنظمة الأغذية والزراعة في الفترة من 29 نوفمبر/تشرين الثاني إلى 1 ديسمبر/كانون الأول 2017.

■ دورة التعلم الإلكتروني المتاحة:

<http://www.fao.org/elearning/#/elc/en/course/SDG251-252>

■ يمكن أيضاً تقديم المساعدة الفنية المباشرة عند الطلب

شكرا!

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Secretary

Intergovernmental Technical Working
Group on Plant Genetic Resources

Plant Production and Protection Division

FAO Regional Office for Africa

stefano.diulgheroff@fao.org

<http://www.fao.org/wiews>