



# HƯỚNG DẪN SỬ DỤNG



# NỘI DUNG

- Agronomy Journal
- Soil Science Society of America Journal
- Crop Science
- Journal of Environmental Quality
- Vadose Zone Journal
- The Plant Genome
- Natural Sciences Education –including Animal Science in 2014!
- Journal of Natural Resources and Life Sciences Education
- Journal of Plant Registrations
- Journal of Production Agriculture

# NỘI DUNG

## TẬP SAN & SÁCH

### Tập san

- Crops and Soils
- CSA News
- Soil Horizons

**Sách:** Hơn 300+ sách được số hóa theo chương

- Frontlist – sách mới xuất bản, sách bán chạy
- Backlist – khoảng 270 sách



# NỘI DUNG

**17,000** bài thuyết trình ở các hội nghị hàng năm từ 2005



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## Annual Meetings - Session

### 42 Conservation Agriculture for Improving Food Security and Livelihoods of Rural Smallholders In Rainfed Regions of Africa, Asia, Latin America and the Caribbean

Oral Session

Special Sessions

Conservation agriculture refers to agricultural systems that minimize tillage, retain permanent soil cover, and utilize crop rotations or mixtures. With the advent of sophisticated machinery, herbicides, and genetically-modified crops, conservation agriculture has been widely adopted especially by large-scale farmers in more than 105 million ha worldwide. It is still unclear, however, if conservation agriculture practices are suited for resource-poor farmers in the developing world because of biophysical, social, economic and gender barriers. Traditional farming practices among the bottom billion typically include total soil inversion, competing use of crop residues, and cultivation of food/cash crops with exclusion of non-edible crops. In this symposium, the opening session will provide scientific and development-oriented insights of conservation agriculture as well as USAID perspectives on the topic within the context of sustainable intensification in the Feed the Future initiative. Then, keynote speakers will open sub sessions with 30-minute presentations highlighting long-term experiences and knowledge on biophysical and socio-economic aspects of conservation agriculture. This will be followed by 20-minute presentations, during which researchers will present key findings from ongoing projects on conservation agriculture that involve collaboration between U.S. universities and host-country partners in Africa, Asia, Latin America and the Caribbean. Research results will cover farming practices, soil quality, crop yields, resilience, field- and farm-level production systems, economic impact, as well as gender-related and social network factors that contribute to the success or failure of conservation agriculture practices in disadvantaged regions of the world.

Sponsor(s):  
Education & Extension  
Global Agronomy  
Agronomic Production Systems  
S04 Soil Fertility & Plant Nutrition  
Land Management & Conservation  
S06 Soil & Water Management & Conservation

2012-10-22: 8:00:00 AM-4:25:00 PM  
Duke Energy Convention Center, Room 203, Level 2



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ACSESS DL  
Environmental Science Society

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### biochar

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Conventional and Conservation Tillage: Influence on Seasonal Runoff, Sediment, and Nutrient Losses in the Canadian Prairies  
K. H. D. Tiessen, J. A. Elliott, J. Yarotski, D. A. Lobb, D. N. Flaten and N. E. Glozier  
Journal of Environmental Quality  
Volume 39 Issue 3, May 2010  
Added to binder: 2012-10-24 10:34:06 View Item Description

Chi-Square Test for Goodness of Fit in a Plant Breeding Example  
Deana M. Namuth-Covert, Heather L. Merk and Courtney Haines  
Journal of Natural Resources & Life Sciences Education  
Volume 41 Issue 1, 2012  
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Engaging Watershed Stakeholders for Cost-Effective Environmental Management Planning with "Watershed Manager"  
Jeffery R. Williams, Craig M. Smith, Josh D. Roe, John C. Leatherman and Robert M. Wilson  
Journal of Natural Resources & Life Sciences Education  
Volume 41 Issue 1, 2012  
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Impact of Preferential Flow at Varying Irrigation Rates by Quantifying Mass Fluxes  
T. J. Gish, K.-J. S. Kung, D. C. Perry, J. Posner, G. Bubenzer, C. S. Helling, E. J. Kladvko and T. S. Steenhuis  
Journal of Environmental Quality  
Volume 33 Issue 3, May 2004  
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Performance of Early Maize Cultivars Derived from Recurrent Selection for Grain Yield and Resistance  
B. Badu-Apraku, A. Fontem Lum, M.A.B. Fakorede, A. Menkir, Y. Chabi, C. The, M. Abdulai, S. Jacob and S. Agbaje  
Crop Science

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## Tính năng “Metrics”



ACSESS DL  
Environmental Science Society

Hiển thị số lượng sử dụng/ tải như sau

- Tạp chí: Tổng số lượt tải của mỗi tạp chí trong vòng 6 tuần, theo năm
- Tác giả: Tổng số bài báo, chương sách và bài trình bày hội nghị, tổng số lượt tải cho mỗi tác giả
- Bài báo: Tổng số lượt tải trong 6 tuần, 1 năm...
- Được trích dẫn bởi: Liệt kê các bài báo, cuốn sách được trích dẫn. Có thể tải về ở các định dạng khác nhau

# Tính năng “Metrics”

Home

## Crop Science - Article

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**Abstract & References** **Authors** **Abbreviations** **Keywords** **Footnotes** **Full Article** [Printer-friendly PDF](#)

This article in CS

doi:  
10.2135/cropsci2003.1100  
Vol. 43 No. 1, p. 110-119

Received: Dec 31, 2001  
Published: Jan, 2003

\* Corresponding author(s):  
singh@kimberly.uidaho.edu

### Low Soil Fertility Tolerance in Landraces and Improved Common Bean Genotypes

Shree P. Singh<sup>a</sup>, Henry Terán<sup>b</sup>, Carlos German Muñoz<sup>c</sup>, Juan Manuel Osorno<sup>c</sup>, Juan Carlos Takegami<sup>b</sup> and Michael D. T. Thung<sup>d</sup>

[Author Affiliations](#)

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### Abstract

Soil mineral deficiencies or toxicities adversely affect common bean (*Phaseolus vulgaris* L.) production worldwide. Cultivars tolerant to low soil fertility (LF) should support sustainable farming systems and reduce production costs and farmers' dependence on fertilizers. Our objective was to identify LF tolerant landraces and improved common bean genotypes. We systematically screened 5000 to 5500 landraces and improved genotypes for LF tolerance at Popayán and Quilichao, Colombia, between 1978 and 1998. Mean LF intensity index across locations for seed yield ranged from 0.35 to 0.68. Average seed yield reduction over five cropping seasons was 53%. Seed yield, biomass, and HI were positively associated in LF and high soil fertility (HF). LF tolerance was identified in eight landraces and 14 improved genotypes. All landraces were from Middle America (MA), belonging to common bean races Durango, Jalisco, and Mesoamerica. All improved genotypes except one (A 36) also possessed characteristics of and involved one or more LF tolerant MA landraces in their pedigree. There was considerable variation for seed, plant, and maturity characteristics among LF tolerant genotypes. In LF, mean seed yield for landraces ranged from 856 kg ha<sup>-1</sup> for 'Apetito' to 332 kg ha<sup>-1</sup> for G 19833. Among improved genotypes, A 774 had the highest (948 kg ha<sup>-1</sup>) and CAP 4 the lowest (651 kg ha<sup>-1</sup>) seed yield. Reduction in seed yield due to LF ranged from 31% for A 36 to 63% for CAP 4. All landraces and seven improved genotypes had either a below average or average LF susceptibility index. Use of these LF tolerant landraces and improved genotypes should be maximized in breeding and genetic studies to

Problem-Solving in Conservation Biology and Wildlife Management 2009

Occurrence and abundance models of threatened plant species: Applications to mitigate the impact of hydroelectric power dams

Ecological Modelling 2012 230

Distribution, diversity and environmental adaptation of highland papayas (*Vasconcellea* spp.) in tropical and subtropical America

Biodiversity and Conservation 2007 16:6

Assessment of Genetic Stability Among In Vitro Plants of *Arachis retusa* Using RAPD and AFLP Markers for Germplasm Preservation


Journal of Integrative Plant Biology 2007 49:3

Molecular biogeographic study of recently described B- and A-



- Hồ sơ tác giả: > 17,000 hồ sơ tác giả:  
Danh sách ấn phẩm, hoạt động, thông tin cá nhân và hồ sơ khoa học

### Profile



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Downloads (1 year)	1795
Downloads (cumulative)	4083
Average Downloads per Article/Chapter	97

### Publications

- + *Agronomy Journal*
- + *Journal of Environmental Quality*
- + *Journal of Production Agriculture*
- + *Soil Science Society of America Journal*
- + *Books*

### Published outside of ACSESS

- + Elsevier
- + Lippencott, Williams & Wilkens
- + NACTA
- + Taylor and Francis
- + Colorado Experiment Station

### Employment History

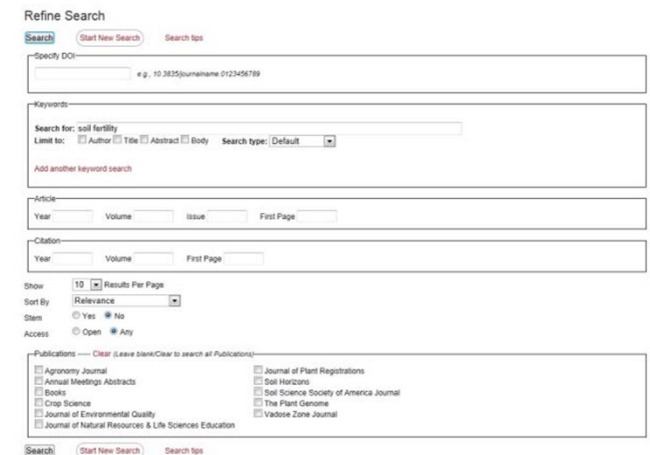
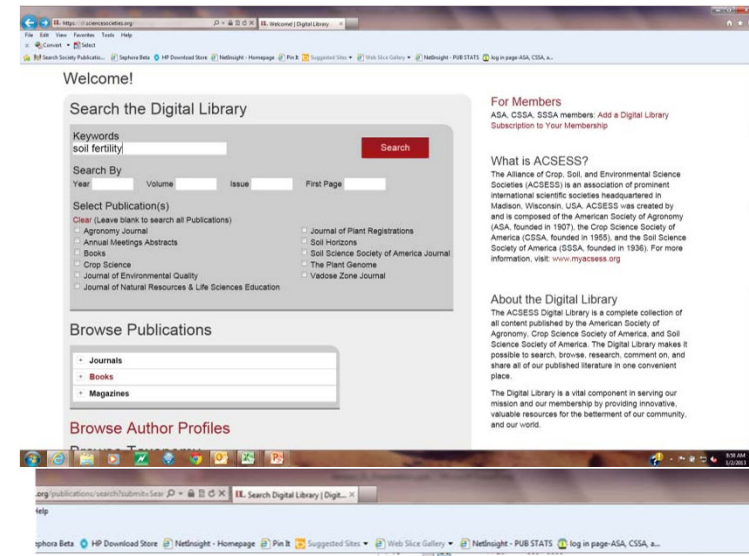
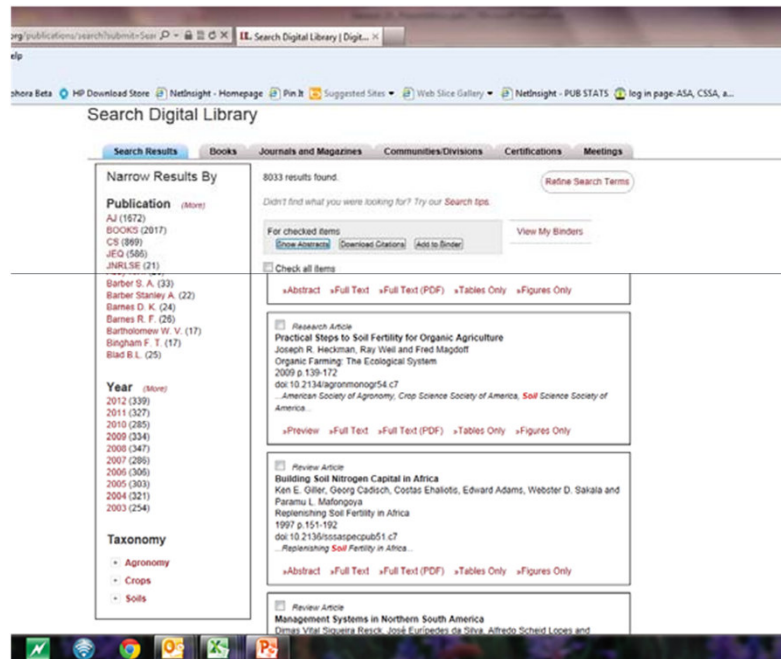
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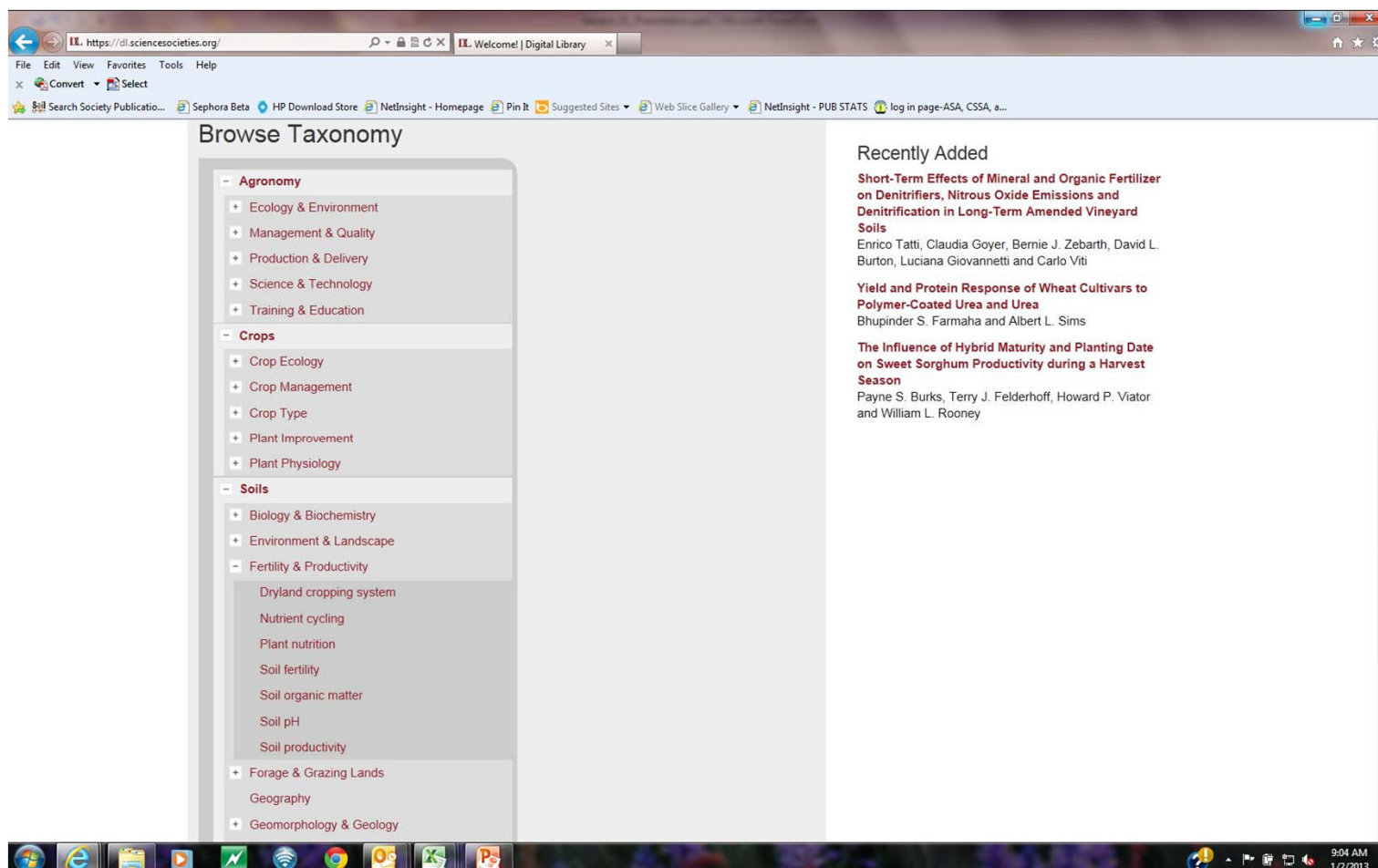




# Tính năng

ACCESS DL  
Environmental Science Database

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## • Scimago:

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- ✓ <http://www.scimagojr.com/journalsearch.php?q=15639&tip=sid&clean=0>
- ✓ Crop Science: #23 out of 189, Agricultural and Biological Sciences category
- ✓ <http://www.scimagojr.com/journalsearch.php?q=38753&tip=sid&clean=0>
- ✓ Soil Science Society of America Journal: #7 out of 70, Soil Science Category
- ✓ <http://www.scimagojr.com/journalsearch.php?q=37206&tip=sid&clean=0>
- ✓ Journal of Environmental Quality: #14 out of 95, Environmental Chemistry category
- ✓ <http://www.scimagojr.com/journalsearch.php?q=23375&tip=sid&clean=0>
- ✓ Vadose Zone Journal: #14 out of 70, Soil Science Category
- ✓ <http://www.scimagojr.com/journalsearch.php?q=7200153151&tip=sid&clean=0>
- ✓ Journal of Plant Registrations: #169 out of 237, Genetics category
- ✓ <http://www.scimagojr.com/journalsearch.php?q=17700155308&tip=sid&clean=0>

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