

Emerging Construction Technologies

Quarterly Report: July - September 2008

(www.ect-purdue.org)

CONTENTS

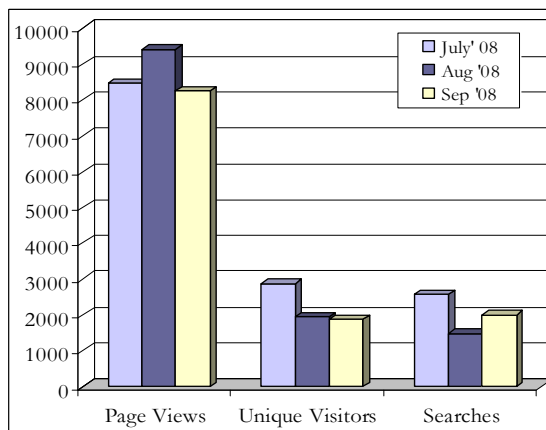
1. Introduction
2. ECT Visitors
3. Updates
4. Fact Sheet Index
5. Contribution Form

I. INTRODUCTION

This is the fourth quarterly report of the Purdue - Emerging Construction Technologies website covering the period from July 1, '08 to September 31, '08. During the reporting period, ECT improved the layout and design of the website and added some new features to the website. Three new technologies have been added. ECT also sent out requests to its members and subscribers to register as review experts. We are grateful to all those who have signed up as review experts.

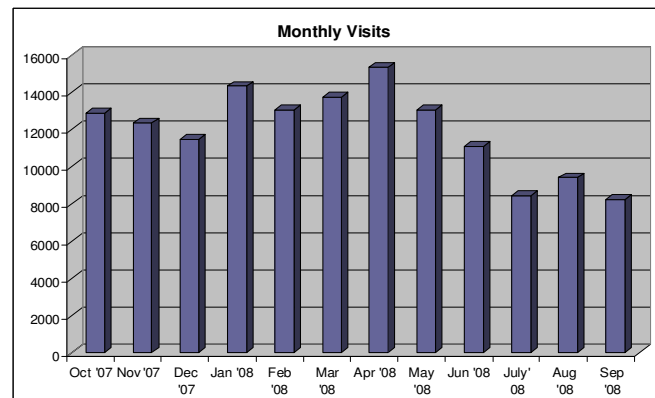
II. ECT VISITORS

Currently the ECT website has over 300 factsheets. The Purdue ECT website was visited 39,529 times in the period from July 1, '08 to Sept 30, '08. An analysis of this data is provided below:

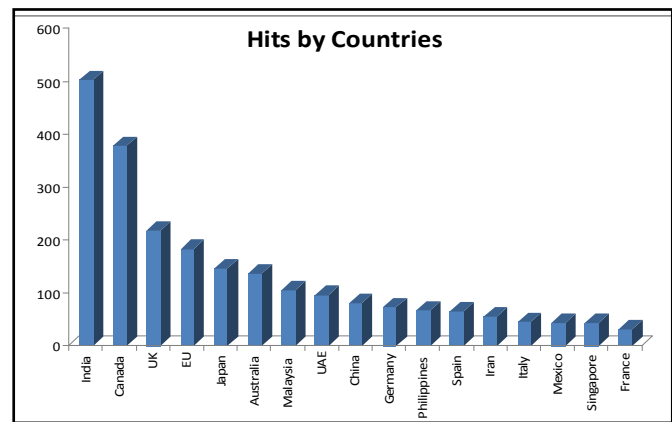


Avg. Page views per visit:	2.15
Avg. Page views per hour:	18.1
Avg. Page views per day:	434.4
Avg. Visits per day:	201.84

A comparison with the previous months shows that the number of visitors was increased till April '08. There was a drop in website visits in May and June '08, which may be due to increased site activities. In July 2008, the website design was changed and some hits were not registered during the transition causing the apparent loss in hits in this quarter.



A country-by-country analysis of our viewers shows that although 7,563 visits out of 39,529 are from the U.S., we also have a growing international network, as suggested by the graph below. The international coverage of ECT remained strong in this quarter as well.





Emerging Construction Technologies

III. UPDATES

- Following new technologies were added during this quarter:
 - Smart Ball® – Pipe Inspection
 - Hollo-Bolt™ - Blind Connections
 - Strom Chambers™ and Sediment Traps™
- A new feature allowing visitors to comment on individual factsheets has been added to the ECT website. All our readers will be able to post their comments and reply to others comments about a factsheet. The feature has been started to make the website more interactive and allowing better networking and information flow in the industry. The comments will be moderated for copyright and security reasons.
- Purdue ECT team is in the process of updating its review committee experts and sent out a request to all its members to signup as a review expert. Experts from various technical areas from industry and academia are invited to register for the review committee. Interested website visitors may email us at ectinfo@ecn.purdue.edu to register as review experts.
- Purdue ECT launched a brand new design for the website along with layout changes to make the website more interesting and easy to navigate. Further changes will reflect in the layout in stages and better ways of improving the efficiency of the website will be incorporated from time to time.
- ECT website added a new section called “Featured Company”. Through this feature, the companies which have contributed to the ECT website are showcased. By clicking on the company logo, website visitors are directed to the factsheet of that company within the ECT website.

Please stay tuned for the new factsheets that will be added to the ECT website and let us know if you have any suggestions or comments.

Purdue ECT Team

C/o Prof. Makarand (Mark) Hastak,
Head, Division of Construction Engineering &
Management, Purdue University.
Email: ectinfo@ecn.purdue.edu

Copyright © 2008, Purdue ECT

V. FACT SHEET INDEX

	Sub-Area	No of Fact Sheets	Fact Sheet ID Prefix
Civil	Building Systems	4	CV01
	Composite Materials & Technologies	37	CV02
	Construction Equipment and Methods	21	CV03
	Demolition	1	CV04
	Foundation	5	CV05
	Masonry Technologies	2	CV06
	Roofing Technologies	2	CV07
	Steel Technologies	5	CV08
	Structural Connection Technologies	6	CV09
	Trenchless Technologies	7	CV10
Mechanical	Conveying Systems	2	MC04
	Industrial Equipment	1	MC07
	Internal Pipeline Assessment Technologies	1	MC08
	Pipe Technologies	4	MC09
	Welding Technologies	2	MC13
Internet Based	e-Marketplace	3	IN01
	Information Services	7	IN02
	Network Technology & Equipment	3	IN03
	Web-based Learning Systems	2	IN04
	Web-based Project Management	4	IN05
	Web-based Engineering Software	4	IN06
Electrical	Basic Electrical Materials & Methods	1	EL01
	Electrical Power	0	EL03
	Lighting	0	EL04
	Wiring Methods	0	EL08
Safety	Safety Software	1	SA01
	Safety Equipment & Method in Construction	3	SA02
Sensors	Non-Destructive Evaluation	6	SE01
	Construction Equipment & Methods	2	SE02
	Security	1	SE03
Other Technologies	Communication	3	OT01
	Engineering Software	12	OT02
	Equipment Automation	9	OT03
	Non-Destructive Evaluation	6	OT04
	Recycling	3	OT05
	Remediation	5	OT06
	Robotics	3	OT07
	Security	4	OT08
	Site Positioning & Metrology	2	OT09
	Soil Remediation	9	OT10
	Water/Waste Systems	1	OT11
	Water Detection/Resistance	2	OT12
TOTAL		196	

Purdue – Emerging Construction Technologies Website

Contribution Form

Name: _____

Organization: _____

Address: _____

Phone: _____ Fax: _____

Email: _____

Please tick the appropriate amount: \$ 300 \$ 600 \$ 1000

Please write the check in the name of:
ECT Website

Please mail the Check along with this form to:

Emerging Construction Technologies,
C/o Division of Construction Engineering
& Management, Purdue University, 550
Stadium Mall Drive, West Lafayette, IN
47907 – 2051.

All enquiries can be addressed by Phone:
+ 1 765 494 2240, or by email at
ectinfo@ecn.purdue.edu

This site is operated and maintained by the Division of Construction Engineering & Management, Purdue University as a not for profit service to the Construction Industry. Your contribution will enable Purdue ECT to sustain and continue enhancing this valuable resource.

Signature: _____

Date: _____

Comments:

Please mail the Invoice & Check to: The Division of Construction Engineering & Management, Purdue University, 550 Stadium Mall Drive, West Lafayette, IN 47907 – 2051. All enquiries can be addressed by Phone: + 1 765 494 2240, or by email at ectinfo@ecn.purdue.edu