







Home ▶ All Journals ▶ Economics, Finance & Business ▶ Construction Management and Economics ▶ List of Issues ▶ Volume 29, Issue 5 ▶ Revisiting the applicability of learning ....

Construction Management and Economics > Volume 29, 2011 - Issue 5

1,200 45

Views CrossRef citations to date Altmetric

**PAPERS** 

## Revisiting the applicability of learning curve theory to formwork labour productivity

Abdulaziz Jarkas 🔀 & Malcolm Horner

Pages 483-493 | Received 15 Apr 2010, Accepted 07 Feb 2011, Published online: 13 Jun 2011

Sample our
Engineering & Technology
Journals
>> Sign in here to start your access to the latest two volumes for 14 days

Full Article

Figures & data

References

**66** Citations

**Metrics** 

➡ Reprints & Permissions

Read this article

Share

## Abstra

The lear

associat

learning

sense th

from pre

labour p

curve to

dearth o

floors. C

recurring

objectiv

building

## We Care About Your Privacy

We and our 878 partners store and access personal data, like browsing data or unique identifiers, on your device. Selecting I Accept enables tracking technologies to support the purposes shown under we and our partners process data to provide. Selecting Reject All or withdrawing your consent will disable them. If trackers are disabled, some content and ads you see may not be as relevant to you. You can resurface this menu to change your choices or withdraw consent at any time by clicking the Show Purposes link on the bottom of the webpage .Your choices will have effect within our Website. For more details, refer to our Privacy Policy. Here

We and our partners process data to provide:

Use precise geolocation data. Actively scan device

I Accept

Reject All

y. The
Show Purposeicant in the

: benefit

or increase

cially those

of learning

cept to

revealed a

ouilding

ce of

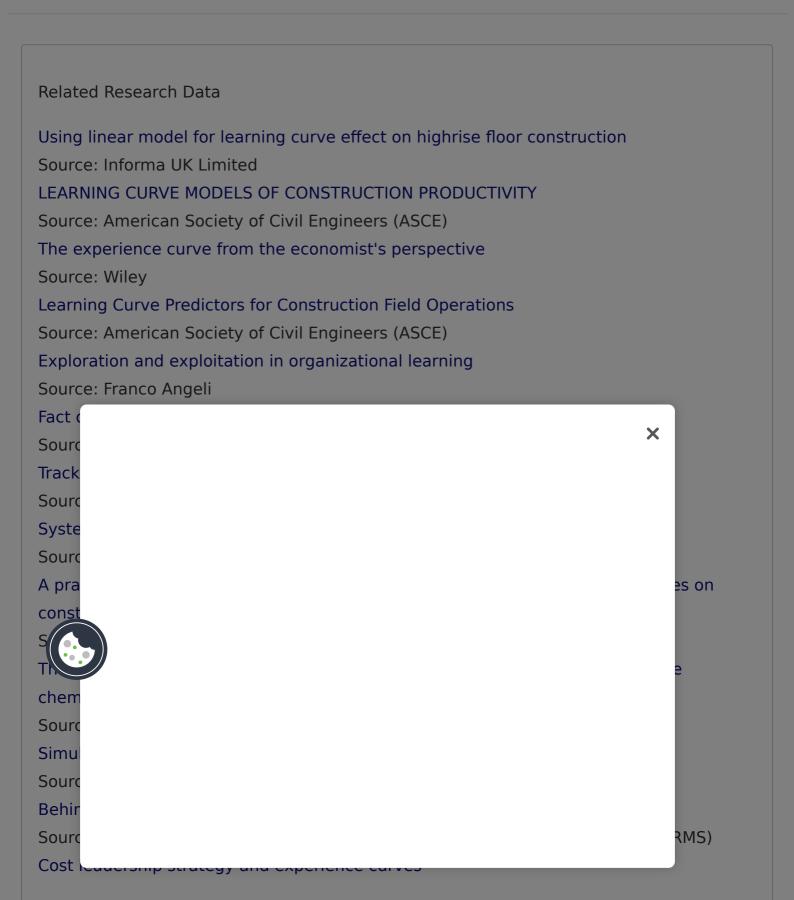
chieve this

ncrete

curve

model. The cumulative average input for each cycle, i.e. floor, and its associated cycle number were modelled using the least squares method. According to the learning curve theory, we expect the labour inputs to decrease by a certain percentage, as the cycle number increases. Based on the results obtained, there is very little evidence for that.

Q Keywords: Formwork labour inputs labour productivity learning curve theory learning phenomenon



Source: Wiley

An empirical investigation of the learning effect in concrete operations

Source: Emerald

Factors affecting the cost of airplanes

Source: American Institute of Aeronautics and Astronautics (AIAA)

Human capital and learning as a source of sustainable competitive advantage

Source: Wiley

Linking provided by Schole plorer

## Related research 1

People also read Recommended articles Cited by 45



Information for Open access **Authors** Overview R&D professionals Open journals Editors **Open Select** Librarians **Dove Medical Press** Societies F1000Research Opportunities Help and information Reprints and e-prints Advertising solutions Newsroom Accelerated publication Corporate access solutions Books Keep up to date Register to receive personalised research and resources by email Sign me up X or & Francis Group Copyright Registered 5 Howick Pl