

Table of Content, 25 May 2014

Publisher Item Identifier (pii) / Research Title /		
Graphical Abstract	Article Information /	
Abstract		Download

pii:	S225204301400033-4
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Heave Behavior of Granular Pile Anchor-Foundation (GPA-Foundation) System in Expansive Soil



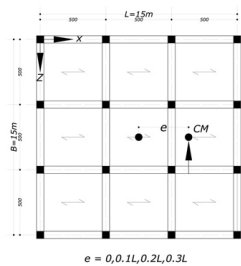
Original Article, D33	
Ibrahim S.F., Aljorany A.N. and Aladly A.I.	
<i>J. Civil Eng. Urban.</i>	4(3): 213-222. 2014

ABSTRACT:	Granular Pile Anchor (GPA) is one of the innovative foundation techniques, dev
Keywords:	Expansive Soil; Sand; Heave; Granular Pile Anchor (GPA); Foundation; PLAXIS



<i>pji:</i>	S225204301400034-4
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Probabilistic Response Evaluation of Plan-Irregular Buildings Subjected to Bi-directional Seismic
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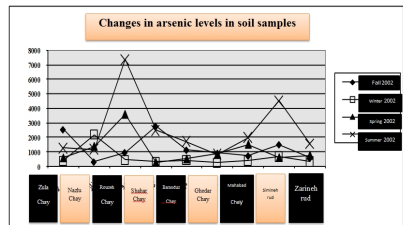
Original Article, D34
Manie S, Moghadam AS, Ghafory-Ashtiany M.
<i>J. Civil Eng. Urban.</i> 4(3): 223-232. 2014

ABSTRACT:	The present paper aim at evaluating the response of three-dimensional building
Keywords:	Torsional Buildings, Probabilistic, Collapse, Plan Irregularity, Low-Rise Building



pii:	S225204301400035-4
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Investigation and Measurement of Heavy Metals Amount (As, Pb, Cd, Hg) within Rivers Estuaries



Original Article, D35

Esmat Saatloo SJ, Esmat Saatlo M, Siosemarde M, Merufinia E.

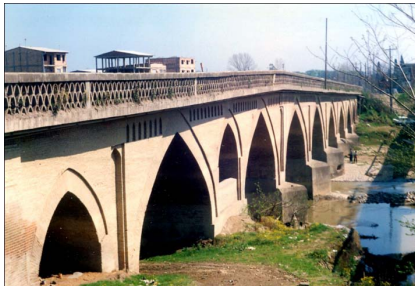
J. Civil Eng. Urban.	4(3): 233-238. 2014
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ABSTRACT:	The ecosystem of Urmia Lake is almost close ended and the water of rains and
Keywords:	Urmia Lake, Ecosystem, Sewage, Heavy Metals, Artemia, Environment.



pii:	S225204301400036-4
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Structural Identification of Bridges (Case Study: Mazandaran, Iran)
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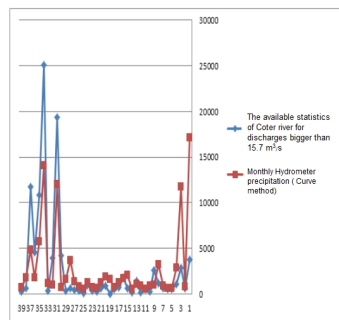
Original Article, D36	
MehdiNezhad M. R., AmirKolae E., Nikbakht H., GholiPour PateRoudi H.	
<i>J. Civil Eng. Urban.</i>	4(3): 239-244. 2014

ABSTRACT:	Throughout more thousand years of human civilization, bridge and bridge archi
Keywords:	Bridge Architecture, Design Method, Material Type, Constructing Technique, Na



pii:	S225204301400037-4
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Estimations of Sediments in Mahabad Dam Using Artificial Neural Networks and Comparing the



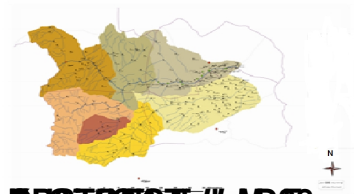
Original Article, D37	
Khezri H, Merufinia E.	
J. Civil Eng. Urban.	4(3): 245-250. 2014

ABSTRACT:	A deposition phenomenon is considered as one of the hydrometer processes w
Keywords:	Artificial Neural Network, Hydrometer Method, Nero solution, Sediments.



pii:	S225204301400038-4
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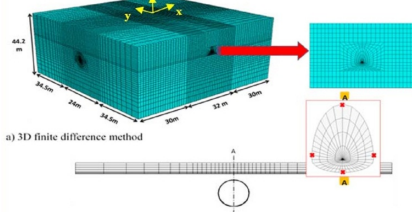
Usage Alteration of the Nazlu-Chay River of Iran due to Excessive Exploit of Its Material Includes



~~Journal of Advances in Science and Engineering, Volume 4, Issue 3, May 2014, pp. 1-10~~



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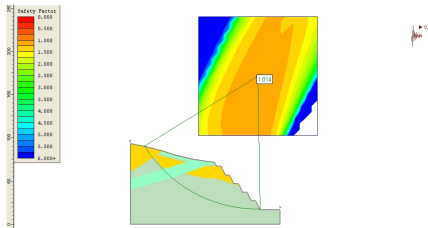


Figure 12: A 3D surface plot showing the stability of a dam slope. The plot displays a cross-section of a dam with a slope. A color-coded surface represents the stability index, with a legend on the left indicating values from 0.000 to 2.000. The plot shows a peak in stability index on the slope, with a small inset showing a zoomed-in view of the peak.



Comparative Hydraulic Simulation of Water Hammer in Transition Pipe Line Systems with Different

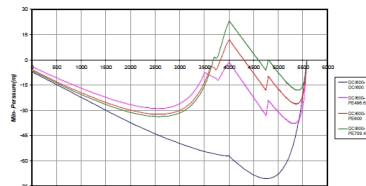


Figure 13: A line graph showing the simulation of water hammer in transition pipe line systems. The x-axis represents time in seconds (0 to 4000), and the y-axis represents absolute pressure in MPa (-2 to 2). Multiple colored lines represent different pipe materials: Steel, Cast Iron, PVC, and Rubber. The graph shows pressure fluctuations over time, with Steel having the highest peak pressure and Rubber having the lowest.



Numerical Simulations of Distribution and Sediment Transmission in Pre Settled Pools Using Finite

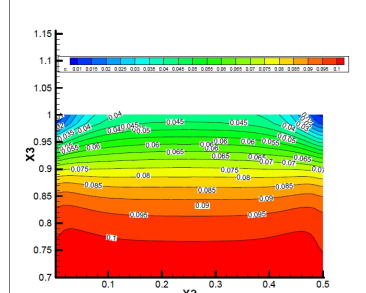


Figure 14: A 2D contour plot showing the distribution of sediment concentration in a pre-settled pool. The x-axis represents the horizontal distance (0.1 to 0.5), and the y-axis represents the vertical distance (0.7 to 1.15). The plot shows contour lines representing different sediment concentrations, with a color bar on the right indicating values from 0.000 to 1.100. The highest concentration is at the bottom left corner.



Estimation of Daily Discharge of Baranuez River via Chaos Theory

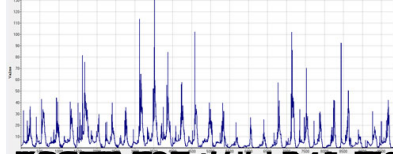


Figure 15: A line graph showing the daily discharge of the Baranuez River. The x-axis represents time in days (0 to 100), and the y-axis represents discharge in m³/s (0 to 10). The graph shows a highly variable time series with many sharp peaks and troughs.

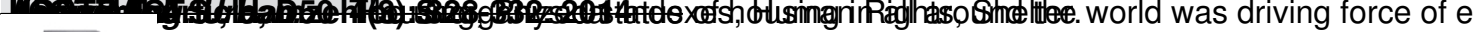


Criteria of Passive Defense in Submarine Stations



NO





Here are the priorities.			
Icon	Name	Normalized by Cluster	Limiting

