

CURRICULUM VITAE

PANAYIOTIS FOTEINOPOULOS

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PERSONAL DETAILS

Date of birth: 10 May 1971

Marital status: Married, 2 children

Military Service: 9/1996-5/1998

Nationality: Greek

EDUCATION

- **1993: Diploma** in "**Civil Engineering**", National Technical University of Athens (NTUA).
- **2007: Diploma** in "**Biology**", National and Capodistrian University of Athens (UOA).
- **2010: Master's Degree** in "**Physics and Technological Applications**", National Centre of Scientific Research "Demokritos" and National Technical University of Athens (NTUA).
- **2010: Ph.D.** in "**Dam Design Optimization**", National Technical University of Athens (NTUA).

PROFESSIONAL EXPERIENCE

- **1994 up-to-date:** Architectural and Structural design and supervision of more than 50 buildings in Athens.
- **1996 up-to-date:** Working as an Expert Civil Engineer on many cases of the First Instance Court of Athens.
- **1994 up-to-date:** Member of the Registry of the Greek Constructors Experience.
- **2011 up-to-date:** Guest Researcher at "FOM institute for Atomic and Molecular Physics (AMOLF)" in Amsterdam.

FOREIGN LANGUAGES

English (First Certificate, Cambridge).

COMPUTATIONAL SKILLS

Programming Languages

- C
- BASIC
- MATLAB
- PERL
- PROCESSING

Computer Software knowledge

- Mathematical software MATLAB, MAPLE.
- Software for Finite Element calculations ABAQUS.
- Software for Static and Dynamic calculations of Structures STRAD (4M-VK Civil Engineering Software Ltd), SAP 2000.
- LaTeX.
- MS Office.

PARTICIPATION TO SCIENTIFIC COMMITTEES

Member of the Working Committee of the Technical Chamber of Greece for the "Study of Issues of Hydraulics and Water Resources" from 1999 to 2004.

TEACHING EXPERIENCE

Teaching assistant at the National Technical University of Athens (NTUA) from 2006-2010 for the lesson "Introduction to the Energy Technology".

ACTIVITIES

President of the nonprofit Scientific Organization with title "RCR-Greece" (www.rcr.gr), which aims to foster Responsible Conduct of Research and Research Integrity in Greece.

MISCELLANEOUS

Reviewer of the scientific magazines

- "Journal of Mathematical Imaging and Vision"
 - "Applied Mathematics and Computation"
 - "Desalination and Water Treatment"
 - "Journal of Zhejiang University - SCIENCE C"
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PUBLICATIONS

- Kalkani, E.C. and P. Foteinopoulos. Down to earth software. IWP & DC, Vol. 57, Nov. 2005.
 - Kalkani, E.C. and P. Foteinopoulos. Storage Solutions. IWP & DC, Vol. 58, Feb. 2006
 - Kalkani, E.C. and P. Foteinopoulos. Designs to reach new heights. IWP & DC, Wilmington Media Ltd, Vol.58, Sept. 2006.
 - Foteinopoulos, P. and E. C. Kalkani. Calculating and selecting the minimum volume dam from a series of alternatives. Dam Engineering, vol.18, Issue 1, June 2007.
 - Foteinopoulos, P. Cubic Spline interpolation to develop contours of large reservoirs and evaluate area and volume. Advances in Engineering Software, Elsevier, vol. 40, p23-29, 2009 (4 citations).
 - Foteinopoulos, P. and B. M. Mulder. The Effect of Anisotropic Microtubule-Bound Nucleations on Ordering in the Plant Cortical Array. Bulletin of Mathematical Biology, Springer, October 2014.
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PRESENTATIONS IN CONVENTIONS

- Foteinopoulos, P. and E.C. Kalkani. Volume Calculations in Increasing the Height of an Existing Dam at an Angle to the Original Position. Hydrovision 2008, HCI Publications, www.hcipub.com, 14-18 July, 2008, Sacramento, California, Paper No 033, pages 10.
- Kalkani, E.C. and P. Foteinopoulos. Computer Software Innovation in Calculating the Shape, Volume and Optimal Position of a Dam along a River Valley. Hydrovision 2008, HCI Publications, www.hcipub.com, 14-18 July, 2008, Sacramento, California, Paper No 034, pages 14.
- P. Foteinopoulos. Microtubule bound-nucleation model of the plant cortical array. Circle Meeting on Biological Physics 2011, 13-15 April, 2011, Saarbrucken, Germany.