

Personal Information	
<b>Surname:</b>	Sarris
<b>Name:</b>	Ernestos
<b>Rank:</b>	Assistant Professor
<b>School:</b>	Sciences and Engineering
<b>Department:</b>	Engineering
<b>Academic Domain:</b>	Oil and Gas

Educational Qualifications		
Degree Title	Awarding Institution	Year Awarded
Ph.D.	University of Cyprus	2011
M.Sc.	Technical University of Crete	2005
B.Sc.	Technical University of Crete	2004

Employment History			
Period of Employment (MM/YY-MM/YY)	Employer	Location	Position
(10/15 – )	University of Nicosia	Cyprus-Nicosia	Assistant Professor (10/2015 - ) Adjunct Lecturer (10/2013 - 10/2015)
(05/12 – 03/15)	University of Cyprus	Cyprus-Nicosia	Principle Researcher
(10/11 - 06/12)	Nireas International Water Research Centre	Cyprus-Nicosia	Principle Researcher
(05/11 – 10/11)	Research Unit for Nanostructured Materials Systems	Cyprus-Limassol	Principle Researcher
(05/06 – 05/11)	University of Cyprus	Cyprus-Nicosia	Research associate

<b>Publications</b>						
<i>Key refereed journals / conference publications / books (monographs, co-authored, edited, chapters) (list up to 10 most recent and important ones)</i>						
	<b>Year</b>	<b>Title</b>	<b>Authors</b>	<b>Journal/Conference/ Book/etc</b>	<b>Vol. No /ISBN</b>	<b>Pages</b>
<b>1</b>	2017	Cohesive Zone Models	Papanastasiou P. and Sarris. E.	Book chapter	9780081007815	119-144
<b>2</b>	2016	Constraining the In-Situ Stresses in a Tectonically Active Offshore Basin in Eastern Mediterranean	Papanastasiou P., Kyriakou, A., and Sarris E.	Journal of Petroleum Science and Engineering	149(20)	208-217
<b>3</b>	2015	On the Conical Indentation Response of Elastic Auxetic Materials: Effects of Poisson's Ratio, Contact Friction and Cone Angle	Photiou D., Prastiti N., Sarris E., and Constantinides G.	International Journal of Solids and Structures	81 (1)	33-42
<b>4</b>	2015	Hydro-Mechanical Erosion Models for Sand Prediction	Gravanis E., Sarris E., and Papanastasiou P.	International Journal for Numerical and Analytical Methods in Geomechanics	39(18)	2017-2036
<b>5</b>	2015	On Certain Integral Equations Arising in the Analysis of Wellbore Recharge in Anisotropic Formations	Atkinson C., Sarris E., Gravanis E., and Papanastasiou P.	Applied Mathematical Modelling	40(1)	343-362
<b>6</b>	2014	The Influence of Pumping Parameters in Fluid-driven Fractures in Weak Porous Formations	Sarris E., Papanastasiou P.	International Journal for Numerical and Analytical Methods in Geomechanics	39(6)	635-654
<b>7</b>	2014	Computational Investigation of the Flow Regimes and Interface Evolution in the Carbon Dioxide Sequestration Problem in saline Aquifers	Sarris E., Gravanis E., Papanastasiou P.	Transport in Porous Media	103(3)	341-359
<b>8</b>	2012	Numerical modeling of fluid-driven fractures in cohesive poroelastoplastic continuum	Sarris E., Papanastasiou P.	International Journal for Numerical and Analytical Methods In Geomechanics	37(12)	1822-1846
<b>9</b>	2011	Modeling of Hydraulic Fracturing in a Poroelastic	Sarris E., Papanastasiou	International Journal of Geomechanics,	12(2)	160-167

		Cohesive Formation	P	ASCE		
<b>10</b>	2010	The Influence of Cohesive Process Zone in Hydraulic Fracturing Modelling	Sarris E., Papanastasiou P	International Journal of Fracture, Springer	167(1)	33-45

<b>Funded Projects</b>						
<i>(list up to 10)</i>						
	<b>Project Title</b>	<b>Funding Agency</b>	<b>Project Duration</b> (DD/MM/YY-DD/MM/YY)	<b>Participation Status</b> (e.g. Partner, Principal Investigator, Research Associate)	<b>Total Project's Budget</b>	<b>Allocated / Awarded Budget to the Participant</b>
<b>1</b>	The Risk of Formation Fracturing in CO <sub>2</sub> Geological Storage	RPF-PENEK-DIDAKTOR	05/12 – 03/15	Principal Investigator	140000 Euro	140000 Euro
<b>2</b>	Numerical Simulation of the Hydraulic Fracturing Technique for Applications in Soils Remediation	RPF-PENEK-ENISXYSI	05/06 – 03/09	Principal Investigator	90000 Euro	90000 Euro

<b>Consultancy and Scholarly Work</b>		
<i>(E.g. Membership in Boards, Editorial Committees, etc. List up to 10)</i>		
	<b>Period</b> (MM/YY-MM/YY)	<b>Description</b>
<b>1</b>	(08/16 – Present)	Cyprus Aggregates Producers Association – Scientific Consultant
<b>2</b>	(10/06- Present)	Technical Chamber of Cyprus – A) Mineral and mining engineering committee B) Committee for new members registration
<b>3</b>	Present	International Journal for Numerical and Analytical Methods in Geomechanics - Reviewer
<b>4</b>	Present	Applied Mathematical Modelling - Reviewer
<b>5</b>	Present	Simulation Modelling Practice and Theory Reviewer - Reviewer
<b>6</b>	Present	International Journal of Solids and Structures - Reviewer
<b>7</b>	Present	Petroleum Science - Reviewer
<b>8</b>	Present	Geomechanics for energy and the Environment - Reviewer
<b>9</b>	Present	Journal of Petroleum Science and Engineering - Reviewer
<b>10</b>	Present	European Journal of Environmental and Civil Engineering - Reviewer

<b>Awards and Recognitions</b>		
<i>(list up to 10)</i>		
	<b>Year</b>	<b>Description</b>
<b>1</b>	2004	Performance Award from the Technical Chamber of Greece
<b>2</b>	2005	Performance Award from the Technical Chamber of Greece