

**ΚΩΝΣΤΑΝΤΙΝΟΣ Γ. ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ**  
Αναπληρωτής Καθηγητής Πανεπιστημίου Πατρών  
ΣΥΝΤΟΜΟ ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

**Προσωπικά Στοιχεία**

Επώνυμο : Νικολακόπουλος  
Όνομα : Κωνσταντίνος  
Πατρώνυμο : Γεώργιος  
Οικογενειακή κατάσταση : Έγγαμος με δύο παιδιά

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3/2003 – 9/2005 : Εργασία στο τμήμα Γεωπληροφορικής της εταιρίας IGD Group A.E.  
6/2006 – 2/1/2012. ΙΓΜΕ Διεύθυνση Γενικής Γεωλογίας και Γεωλογικών Χαρτογραφήσεων.  
2012-2016: Επίκουρος Καθηγητής στο Τμήμα Γεωλογίας του Πανεπιστημίου Πατρών.  
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1997: Πτυχίο Γεωλογίας με γενικό βαθμό “Λίαν Καλώς” από το Τμήμα Γεωλογίας του Εθνικού και Καποδιστριακού Πανεπιστημίου Αθηνών. Τίτλος της Πτυχιακής Εργασίας “*Δημιουργία ενός Γεωγραφικού Συστήματος Πληροφοριών για την Εκτέλεση Υδρολογικών Μελετών στην Ευρύτερη Περιοχή της Ανδρίτσαινας*”.

2002: Διδακτορική Διατριβή με γενικό βαθμό “Άριστα” από το Τμήμα Γεωλογίας του Εθνικού και Καποδιστριακού Πανεπιστημίου Αθηνών. Τίτλος της Διατριβής “*Χρήση Μεθόδων και Δεδομένων Τηλεανίχνευσης και Ανάπτυξη Ειδικών Ψηφιακών Τεχνικών Επεξεργασίας Εικόνας για τη Γεωμορφολογική και Γεωγραφική Μελέτη της Υδρογραφικής Λεκάνης του Αλφειού*”.

2007: Μεταδιδακτορική έρευνα *υπό την αιγίδα του ΙΚΥ* στο Εργαστήριο Τηλεανίχνευσης του Τμήματος Γεωλογίας και Γεωπεριβάλλοντος του Εθνικού και Καποδιστριακού Πανεπιστημίου Αθηνών. Τίτλος έρευνας “*Συνδυαστική Χρήση Υπερφασματικών Δεδομένων Τηλεανίχνευσης και ΓΣΠ για Εφαρμογές στις Γεωεπιστήμες με έμφαση στα ακόλουθα: α) Λόγοι Φασματικών Ζωνών, β) Ψηφιακά Φίλτρα, γ) Δείκτες Βλάστησης*”.

## Ειδίκευση στην Πληροφορική

2002 : Με την υπ' αριθμ. 16873/ΚΓ της 18/02/2002 απόφαση του Υπουργού Παιδείας έχω ενταχθεί στο μητρώο Επιμορφωτών Πληροφορικής με αριθμό μητρώου 4982/01.

## Διδασκαλία:

Χαρτογραφία, Γεωγραφικά Συστήματα Πληροφοριών, Τηλεπισκόπηση, Φωτογραμμετρία, Υδρολογία.

## Ερευνητική Δραστηριότητα:

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## Διεθνείς διακρίσεις:

Από το Σεπτέμβριο του 2010 είμαι πρόεδρος (chairman) του Special Interest Group **Geological Applications** of the European Association of Remote Sensing laboratories: (<http://www.earsel.org/SIG/Geology/index.php>)

Από το 2011 είμαι **Co-Editor** στο Διεθνές περιοδικό Earsel Eproceedings που εκδίδεται από το European Association of Remote Sensing laboratories.

Από το 2011 είμαι **Co-chairman** στα διεθνή συνέδρια του SPIE Earth Resources and Environmental Remote Sensing/GIS Applications

Από το 2016 είμαι Associate Editor στο διεθνές περιοδικό του CI "European Journal of Remote Sensing" του οίκου Taylor and Francis <https://www.tandfonline.com/toc/tejr20/current>

Είμαι εξωτερικός κριτής επιστημονικών εργασιών σε είκοσι διεθνή και ένα ελληνικό περιοδικό.

Google Scholar profile: <https://scholar.google.gr/citations?hl=el&user=aenpbb8AAAAJ>

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## Δημοσιεύσεις σε περιοδικά και τόμους συνεδρίων με κριτές:

1. **Κ. Γ. ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ** & Δ. Α ΒΑΪΟΠΟΥΛΟΣ, 1995, "Δημιουργία ενός Γ.Σ.Π. και αξιοποίηση των δεδομένων για τον αυτόματο υπολογισμό του μέσου υψομέτρου και της μέσης κλίσης περιοχών". *ΠΡΚ 4<sup>ο</sup> Πανελληνίου Γεωγραφικού Συνεδρίου*, σελ. 626-641.
2. PARCHARIDIS ISSAAK, POSCOLIERI MAURIZIO, **ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ ΚΩΝΣΤΑΝΤΙΝΟΣ** & SERELIS ΚΩΝΣΤΑΝΤΙΝΟΣ, 1999, "Revised geomorphic and geologic outlines of Lesbos island by a comparative analysis of TM Landsat data and classical maps". *IEEE IGARSS Proc. Vol. II* Pages: 876-878, ISBN: 0-7803-5207-6.
3. DIMITRIOS ΒΑΙΟΠΟΥΛΟΣ, **ΚΩΝΣΤΑΝΤΙΝΟΣ ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ**, GEORGIOS AIM. SKIANIS, 2001, "A comparative study of resolution merge techniques and their efficiency in processing images of urban areas". *IEEE/ISPRS Joint Workshop on Remote Sensing and Data Fusion over Urban Areas*, p. 270-274, ISBN: 0-7803-7059-7.
4. PARCHARIDIS ISSAAK, **ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ ΚΩΝΣΤΑΝΤΙΝΟΣ**, SERELIS ΚΩΝΣΤΑΝΤΙΝΟΣ & BASKOUTAS IOANNIS, 2001, "Synergistic use of Optical and Radar data

- for active faults and corresponding displaced landforms detection in Kozani Basin (Greece)". *Geocarto International, a multi-disciplinary journal of Remote Sensing and GIS, ISSN: 1010-6049, Vol 16 No 3, September 2001, p.17-23.*
5. **K. NIKOLAKOPOULOS, D. VAIPOULOS & G. SKIANIS**, 2002, "A comparative study of different atmospheric correction algorithms over an area with complex geomorphology in Western Peloponnese, Greece", *IEEE IGARSS Proc. Vol. IV Pages: 2492-2494, ISBN: 0-7803-7536-X.*
  6. **KARFAKIS IOANNIS & NIKOLAKOPOULOS KONSTANTINOS**, 2002, "Use of Landsat TM Images for the Detection of Water Outflows in the Coastal Area of South Attiki Peninsula, Greece", *Proc. of SPIE, Vol. 4881, p. 692-700.*
  7. **ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ ΚΩΝΣΤΑΝΤΙΝΟΣ & ΑΝΤΩΝΑΚΑΚΗΣ ΑΝΤΩΝΙΟΣ**, 2002, "Δημιουργία Ψηφιακού Μοντέλου Αναγλύφου με τη Βοήθεια Δορυφορικών Δεδομένων ASTER και Στατιστικός Έλεγχος της Ακρίβειας του Μοντέλου", *Β' Πανελλήνιο Συνέδριο της Ελληνικής Εταιρείας Γεωγραφικών Συστημάτων Πληροφοριών, Αθήνα 28/2-1/3-2002. Πρακτικά σε CD-ROM.*
  8. **ΔΗΜΗΤΡΙΟΣ Α. ΒΑΙΟΠΟΥΛΟΣ, ΚΩΝΣΤΑΝΤΙΝΟΣ ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ, ΓΕΩΡΓΙΟΣ ΑΙ. ΣΚΙΑΝΗΣ**, 2002, "Δημιουργία Ψηφιακών Μοντέλων Αναγλύφου Με Ψηφιοποίηση Ισοϋψών από Τοπογραφικούς Χάρτες και Στατιστική Ποσοτικοποίηση του Σφάλματος που Υπεισέρχεται κατά την Κατασκευή τους", *6ο Πανελλήνιο Γεωγραφικό Συνέδριο, Τόμος II, σελ 63-70, Θεσσαλονίκη 3 – 6 Οκτωβρίου 2002.*
  9. **ΔΗΜΗΤΡΙΟΣ Α. ΒΑΙΟΠΟΥΛΟΣ, ΚΩΝΣΤΑΝΤΙΝΟΣ ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ, ΓΕΩΡΓΙΟΣ ΑΙ. ΣΚΙΑΝΗΣ**, 2002, "Χαρτογράφηση Καμένων Περιοχών στη Ζάκυνθο με τη Βοήθεια Δεδομένων Τηλεπισκόπησης", *6ο Πανελλήνιο Γεωγραφικό Συνέδριο, Τόμος II, σελ 71-78, Θεσσαλονίκη 3 – 6 Οκτωβρίου 2002.*
  10. **Κ. ΠΑΠΑΔΟΠΟΥΛΟΥ-ΒΡΥΝΙΩΤΗ, Δ. Α. ΒΑΪΟΠΟΥΛΟΣ, Κ. Γ. ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ**, 2002, "Πυρκαγιές και Περιβαλλοντικά Προβλήματα στην Χερσόνησο της Λιχάδας (Β. Εύβοια)", *5ο Πανελλήνιο Συνέδριο Περιβάλλοντος, σελ. 55-60.*
  11. **D. VAIPOULOS, K. NIKOLAKOPOULOS, G. SKIANIS, G. KOROMPILIS, & A. ANTONAKAKIS**, 2002, "Erosion Risk and Desertification Risk at Pyrgos, Greece". *Management Information System 2002: Incorporating GIS and Remote Sensing, WIT press, Editors: C. A. Brebbia & P. Pascolo, p. 235-243.*
  12. **KONSTANTINOS NIKOLAKOPOULOS, DIMITRIOS VAIPOULOS & GEORGIOS SKIANIS**, 2003, "Joint Use of Multitemporal and Multisensor Remote Sensing Data, PCA and GIS techniques for the detection of changes at the lower Alfios River Channel, Greece", *Proc. of SPIE, Vol. 5239 p. 133-144.*
  13. **KONSTANTINOS NIKOLAKOPOULOS, DIMITRIOS VAIPOULOS & GEORGIOS SKIANIS**, 2003, "Use of Multitemporal Remote Sensing Thermal Data for the Creation of Temperature Profile of Alfios River Basin", *IEEE IGARSS Proc. Vol. 4, p. 2389-2391, ISBN: 0-7803-7929-2.*
  14. **KONSTANTINOS NIKOLAKOPOULOS**, 2003, "Use of Vegetation Indexes with ASTER VNIR data for burnt areas detection in Western Peloponnese, Greece", *IEEE IGARSS Proc. Vol. 5 p. 3287-3289, ISBN: 0-7803-7929-2.*
  15. **KONSTANTINOS NIKOLAKOPOULOS**, 2003, "Comparative study of fusing ETM data with five different techniques for the broader area of Pyrgos, Greece", *Proc. of SPIE, Vol. 5238, p. 84-95.*
  16. **KONSTANTINOS NIKOLAKOPOULOS, DIMITRIOS VAIPOULOS & GEORGIOS SKIANIS**, 2003, "Use of Vegetation Indexes & PCA Method with Remote Sensing Data for the classification of burnt areas according to how many times they have been burnt", *Proc. of SPIE, Vol. 5232, p. 196-207.*
  17. **KONSTANTINOS NIKOLAKOPOULOS, DIMITRIOS VAIPOULOS & GEORGIOS SKIANIS**, 2003, "Fusion and Atmospheric Correction Techniques on Multitemporal & Multisensor Satellite data for the Detection of burnt areas in Western Peloponnese, Greece", *Proc. of SPIE, Vol. 5238, p. 153-163.*

18. **KONSTANTINOS NIKOLAKOPOULOS**, DIMITRIOS VAIPOULOS & GEORGIOS SKIANIS, 2003, "Use of Multitemporal Remote Sensing Data for the detection of areas with lower temperature in Alfios River Basin Western Peloponnese, Greece.", *Proc. of SPIE*, Vol. 5232, 510-520.
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21. VAIPOULOS A. DIMITRIOS, SKIANIS AIM. GEORGIOS & **NIKOLAKOPOULOS G. KONSTANTINOS** 2004. "The Contribution Of Probability Theory In Assessing The Efficiency Of Two Frequently Used Vegetation Indices". *International Journal of Remote Sensing, ISSN: 0143-1161*, Vol. 25 No 20, p. 4219-4236.
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23. GEORGE A. SKIANIS, **KONSTANTINOS G. NIKOLAKOPOULOS** & DIMITRIOS A. VAIPOULOS, 2004, "Application of Two New Vegetation Indices on Spot Vegetation Images", *Proceedings of the 2nd International VEGETATION Users Conference, Antwerp, 24-26 March 2004* Editors: Frank Veroustraete, Etienne Bartholomé and Willem W. Verstraeten Keywords: SPOT4, SPOT5, VEGETATION, remote sensing, earth observation Luxembourg: Office for Official Publication of the European Communities. ISBN 92-894-9004-7. EUR 21552 EN. © European Communities, 2005, p91-96.
24. **KONSTANTINOS NIKOLAKOPOULOS**, 2004, "Pansharp vs wavelet vs PCA fusion technique for use with landsat ETM panchromatic and multispectral data", *Proc. of SPIE*, Vol. 5573, p. 30-40.
25. GEORGIOS SKIANIS, DIMITRIOS VAIPOULOS & **KONSTANTINOS NIKOLAKOPOULOS**, 2004, "Design of a new sharpening filter", *Proc. of SPIE*, Vol. 5573, p. 104-114.
26. **KONSTANTINOS G. NIKOLAKOPOULOS**, DIMITRIOS A. VAIPOULOS, GEORGIOS AIM. SKIANIS, 2004, "Comparing a DTM created with ASTER data to GTOPO 30 and to one created from 1/50.000 topographic maps", *Proc. of SPIE*, Vol. 5574, p. 43-51.
27. **KONSTANTINOS G. NIKOLAKOPOULOS**, & KOSMAS PAVLOPOULOS, 2004, "Environmental monitoring of Lake Distos in central Evia, Greece using multitemporal and multisensor remote sensing data", *Proc. of SPIE*, Vol. 5568, p. 102-111.
28. **KONSTANTINOS G. NIKOLAKOPOULOS**, DIMITRIOS A. VAIPOULOS, GEORGIOS AIM. SKIANIS, 2004, "ASTER DTM vs GTOPO30 and 1/250.000 topographic maps. The case of Lefkas Island, Greece", *IEEE IGARSS Proc.* Vol. III p. 2237-2240, ISBN: 0-7803-8742-2.
29. **KONSTANTINOS G. NIKOLAKOPOULOS**, 2004, "Comparison of four different fusion techniques for IKONOS data", *IEEE IGARSS Proc.* Vol. IV p. 2534-2537, ISBN: 0-7803-8742-2.
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31. Γ. ΑΙΜ. ΣΚΙΑΝΗΣ, Δ. ΒΑΪΟΠΟΥΛΟΣ, Κ. Γ. ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ, 2004, “Μελέτη της Συμπεριφοράς του Δείκτη Βλάστησης Savi με Βάση τη Θεωρία Πιθανοτήτων”, 7<sup>ο</sup> Πανελλήνιο Γεωγραφικό Συνέδριο της Ελληνικής Γεωγραφικής Εταιρείας, Τόμος ΙΙ, σελ. 291-298, Μυτιλήνη 2004.
32. ΚΩΝΣΤΑΝΤΙΝΟΣ Γ. ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ, ΔΙΜΙΤΡΙΟΣ Α. ΒΑΙΟΠΟΥΛΟΣ, ΓΕΩΡΓΙΟΣ ΑΙΜ. ΣΚΙΑΝΗΣ, ΠΑΝΑΓΙΩΤΗΣ ΣΑΡΑΝΤΙΝΟΣ & ΑΝΤΩΝΗΣ ΤΣΙΤΣΙΚΑΣ, 2005, “Combined use of Remote Sensing, GIS and GPS data for landslide mapping”, *IEEE IGARSS Proc.* Vol. 7, p. 5196-5199, ISBN: 0-7803-9050-4.
33. ΚΩΝΣΤΑΝΤΙΝΟΣ Γ. ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ, ΔΙΜΙΤΡΙΟΣ Α. ΒΑΙΟΠΟΥΛΟΣ, ΓΕΩΡΓΙΟΣ ΑΙΜ. ΣΚΙΑΝΗΣ, 2005, “SRTM DTM vs one created from 1/50.000 topographic maps. The case of Kos Island”, *Proc. of SPIE*, Vol. 5980, p. 122-131.
34. ΚΩΝΣΤΑΝΤΙΝΟΣ Γ. ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ, ΚΟΣΜΑΣ ΠΑΥΛΟΠΟΥΛΟΣ, ΧΡΗΣΤΟΣ ΤΣΑΛΚΙΑΣ & ΔΟΡΑ ΜΑΝΟΥ, 2005, “Monitoring the urban expansion of Athens, using remote sensing and GIS techniques, in the last 35 years”, *Proc. of SPIE*, Vol. 5983, p. 64-75.
35. ΚΩΝΣΤΑΝΤΙΝΟΣ Γ. ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ, ΔΙΜΙΤΡΙΟΣ Α. ΒΑΙΟΠΟΥΛΟΣ, ΓΕΩΡΓΙΟΣ ΑΙΜ. ΣΚΙΑΝΗΣ, 2005, “Monitoring of the environmental changes at Lefkas Island using remote sensing data and GIS techniques”, *Proc. of SPIE*, Vol. 5983, p. 299-308.
36. ΚΩΝΣΤΑΝΤΙΝΟΣ Γ. ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ, 2005, “Eight different fusion techniques for use with very high resolution data” *Proc. of SPIE*, Vol. 5982, p. 50-61.
37. ΓΕΩΡΓΙΟΣ ΑΙΜ. ΣΚΙΑΝΗΣ, ΔΙΜΙΤΡΙΟΣ Α. ΒΑΙΟΠΟΥΛΟΣ, ΚΩΝΣΤΑΝΤΙΝΟΣ Γ. ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ, 2005, “A study of the performance of a new sharpening filter” *Proc. of SPIE*, Vol. 5982, p. 323-334.
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