

ΑΝΑΛΥΤΙΚΟ ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

της

**Μπουρλίβα Άννας**

Δρ. Γεωλόγου Α.Π.Θ.

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## 1. ΒΙΟΓΡΑΦΙΚΑ ΣΤΟΙΧΕΙΑ

Ημερομηνία γέννησης:	29 Σεπτεμβρίου 1975
Τόπος γέννησης:	Θεσσαλονίκη
Υπηκοότητα:	Ελληνική
Οικογενειακή κατάσταση:	Έγγαμη με 1 παιδί
Διεύθυνση κατοικίας:	Ιπποδρομίου 23, 54351 Άνω Τούμπα Θεσσαλονίκη
Επικοινωνία:	Τηλ. 2310904730, Κιν. 6932926895
e-mail:	<a href="mailto:annab@geo.auth.gr">annab@geo.auth.gr</a> ; <a href="mailto:abourliva@yahoo.com">abourliva@yahoo.com</a>

## 2. ΣΠΟΥΔΕΣ

- 09/2013: Διδακτορικό Δίπλωμα**, Τμήμα Γεωλογίας, Α.Π.Θ. Συγχρηματοδοτούμενο από την Ευρωπαϊκή Ένωση και από εθνικούς πόρους μέσω του Επιχειρησιακού Προγράμματος «Ηράκλειτος ΙΙ» (Βαθμός Άριστα)  
 Τίτλος Διδακτορικής Διατριβής: «Χρήση φυσικών αργίλων στην απομάκρυνση βαρέων μετάλλων από υδατικά διαλύματα και αστικά και βιομηχανικά λύματα.»
- 09/2009: Μεταπτυχιακό Δίπλωμα Ειδίκευσης**, Π.Μ.Σ. «Διαχείριση Αποβλήτων», Ελληνικό Ανοικτό Πανεπιστήμιο (Βαθμός Λίαν Καλώς)  
 Τίτλος Διατριβής Ειδίκευσης: «Φύση και Σύσταση σωματιδιακής ύλης στην ατμόσφαιρα μεγάλων αστικών κέντρων.»
- 06/2001: Μεταπτυχιακό Δίπλωμα Ειδίκευσης**, Π.Μ.Σ. «Ορυκτοί Πόροι και Περιβάλλον», Τμήμα Γεωλογίας, Α.Π.Θ. (Βαθμός: Άριστα)  
 Τίτλος Διατριβής Ειδίκευσης: «Μελέτη εμφανίσεων βερμικουλίτη σε περιοχές της Βόρειας Ελλάδας. Δυνατότητα χρήσης του βερμικουλίτη στην επίλυση περιβαλλοντικών προβλημάτων.»
- 11/1998: Πτυχίο Γεωλογίας**, Τμήμα Γεωλογίας, Α.Π.Θ. (Βαθμός: 7,20)
- 06/1993: Απολυτήριο Λυκείου**, Πειραματικό Σχολείο Α.Π.Θ.

## 3. ΑΤΟΜΙΚΕΣ ΔΕΞΙΟΤΗΤΕΣ

### 3.1 Ξένες Γλώσσες

Μητρική γλώσσα:	Ελληνική				
Λοιπές γλώσσες:	ΚΑΤΑΝΟΗΣΗ		ΟΜΙΛΙΑ		ΓΡΑΦΗ
	Προφορική	Γραπτή (ανάγνωση)	Επικοινωνία	Προφορική έκφραση	
Αγγλικά	C2	C2	C2	C1	C1
	Certificate of Proficiency in English, University of Michigan (Επίπεδο: Άριστη Γνώση C2)				
Ιταλικά	B2	B2	B2	B1	B1
	Diploma di Lingua Italiana (Επίπεδο: Καλή Γνώση B2)				

Επίπεδα: A1/2: Βασικός χρήστης - B1/2: Ανεξάρτητος χρήστης - C1/2: Έμπειρος χρήστης  
 Κοινό Ευρωπαϊκό Πλαίσιο Αναφοράς για Γλώσσες

### 3.2 Ψηφιακές Δεξιότητες

Άριστος χειρισμός των εργαλείων Microsoft Office™, ArcGIS, στατιστικά λογισμικά (SPSS) και επιστημονικά λογισμικά (WINFIT, UNITCELL, CHECKCELL κ.α.)

ΑΥΤΟΑΞΙΟΛΟΓΗΣΗ				
Επεξεργασία δεδομένων	Επικοινωνία	Δημιουργία Περιεχομένου	Ασφάλεια	Επίλυση προβλημάτων
Έμπειρος Χρήστης	Έμπειρος Χρήστης	Έμπειρος Χρήστης	Ανεξάρτητος Χρήστης	Ανεξάρτητος Χρήστης

Επίπεδα: Βασικός χρήστης - Ανεξάρτητος χρήστης - Έμπειρος χρήστης

Βεβαίωση Ιδρύματος Τριτοβάθμιας Εκπαίδευσης

### 3.3 Διπλώμα Οδήγησης

Κάτοχος διπλώματος οδήγησης Κατηγορίας Β'

## 4. ΕΡΕΥΝΗΤΙΚΗ ΔΡΑΣΤΗΡΙΟΤΗΤΑ

### 4.1 Μεταδιδακτορική Έρευνα

- 11/2019-Σήμερα:** Μεταδιδακτορική έρευνα με σχέση πλήρους απασχόλησης στον Τομέα Γεωφυσικής, του Τμήματος Γεωλογίας, του Αριστοτελείου Πανεπιστημίου Θεσσαλονίκης στα πλαίσια του προγράμματος «Ενίσχυση Μεταδιδακτόρων Ερευνητών-Β' Κύκλος» του Ιδρύματος Κρατικών Υποτροφιών (ΙΚΥ) με θέμα «Χρήση μαγνητικών παραμέτρων για τον εντοπισμό εστιών ρύπανσης σε χώρους έκθεσης παιδιών. Συσχέτιση με γεωχημικά δεδομένα και δείκτες επικινδυνότητας για την υγεία»
- 09/2014-08/2016:** Μεταδιδακτορική έρευνα με σχέση πλήρους απασχόλησης στον Τομέα Ορυκτολογίας-Πετρολογίας-Κοιτασματολογίας του Τμήματος Γεωλογίας του Α.Π.Θ., στα πλαίσια Υποτροφιών Αριστείας του προγράμματος του Ιδρύματος Κρατικών Υποτροφιών ΙΚΥ-SIEMENS με θέμα «Μελέτη και χαρακτηρισμός των «τεχνογενών» σιδηρομαγνητικών σωματιδίων που εμπεριέχονται σε βιομηχανικά εδάφη και σκόνες με έμφαση στον προσδιορισμό της επικινδυνότητας για την ανθρώπινη υγεία»
- 01/2014-12/2014:** Μεταδιδακτορική έρευνα στον Τομέα Ορυκτολογίας-Πετρολογίας-Κοιτασματολογίας, του Τμήματος Γεωλογίας, του Α.Π.Θ., στα πλαίσια Υποτροφιών Αριστείας της Επιτροπής Ερευνών του Α.Π.Θ. με θέμα «Μελέτη και χαρακτηρισμός των ανθρωπογενών σιδηρομαγνητικών σωματιδίων που περιέχονται σε σκόνες δρόμων της ευρύτερης περιοχής της Θεσσαλονίκης» στα πλαίσια υποτροφίας αριστείας.

### 4.2 Συνεργασίες- Συμμετοχή σε Ερευνητικά Προγράμματα

- Συμμετοχή σε ερευνητικό πρόγραμμα με τίτλο «Ορυκτολογικές αναλύσεις για τον ποιοτικό και ποσοτικό προσδιορισμό των περιεχομένων ορυκτών σε δείγματα αναπνεύσιμης σκόνης των μεταλλευτικών εγκαταστάσεων Στρατωνίου της ΕΛΛΗΝΙΚΟΣ ΧΡΥΣΟΣ Α.Ε. σε συμφωνία με τα προβλεπόμενα από το άρθρο 22 του Κ.Μ.Α.Ε». Χρηματοδοτούμενο από της Ελληνικός Χρυσός Α.Ε., Επιστημονικός Υπεύθυνος: Καθηγ. Α. Κορωνάιος. 10/2008-12/2008, Ερευνήτρια με αρμοδιότητα τη λήψη ακτινοδιαγραμμάτων
- Συμμετοχή σε ερευνητικό πρόγραμμα με τίτλο «Έρευνα για τη δημιουργία θέσεων με ειδικά φυτά σε σωρούς αποβλήτων της ΒΑ Χαλκιδικής και επίβλεψη των πειραμάτων (δειγματοληψία, μετρήσεις βιομετρικών παραγόντων). Χρηματοδοτούμενο από University of Potsdam, Υπεύθυνος: Καθηγ. Μ. Βαβελίδης. 11/2009-12/2009 & 10/2010-09/2011. Ερευνήτρια με αρμοδιότητα την δειγματοληψία και τη λήψη ακτινοδιαγραμμάτων

3. Συνεργασία με το GeoBioTec, Department of Geosciences, University of Aveiro, Portugal στα πλαίσια μεταδιδακτορικής έρευνας χρηματοδοτούμενης από το πρόγραμμα IKY-SIEMENS, αλλά και κοινών δημοσιεύσεων.
4. Συνεργασία με το Εθνικό Κέντρο Έρευνας Φυσικών Επιστημών «ΔΗΜΟΚΡΙΤΟΣ» στα πλαίσια κοινής δημοσίευσης σε διεθνές επιστημονικό περιοδικό. Συνεργαζόμενοι ερευνητές: Δρ. Γιάννης Σανάκης, Dr. Eamonn Devlin.
5. Συμμετοχή στο ερευνητικό πρόγραμμα με τίτλο “PlantCult: Investigating the food cultures of Ancient Europe: An interdisciplinary investigation of plant ingredients, culinary transformation and evolution through time”. Χρηματοδοτούμενο από το Ευρωπαϊκό Συμβούλιο Έρευνας (European Research Council-ERC) στο πλαίσιο του Προγράμματος Έρευνας και Καινοτομίας της Ευρωπαϊκής Ένωσης, Ορίζοντας 2020 (Συμφωνία Επιχορήγησης Αρ. 682529), Επιστημονική Υπεύθυνος: Αναπ. Καθηγ. Σουλτάνα-Μαρία Βαλαμώτη. 02/2018-Σήμερα (Σύμβαση έργου 02/2018-05/2018) Ερευνήτρια με αρμοδιότητα την διεξαγωγή πειραματικών απανθρακώσεων.
6. Συνεργασία με το Πανεπιστήμιο της Τεχεράνης (Department of Environment, Faculty of Natural Resources) στα πλαίσια κοινών επιστημονικών δημοσιεύσεων.

#### 4.3 Συμμετοχή στην συγγραφή και υποβολή ερευνητικών προτάσεων

Έχω συμμετάσχει στην σύνταξη & υποβολή πλήθους ερευνητικών προτάσεων, οι οποίες υπεβλήθησαν σε Ελληνικούς και Ευρωπαϊκούς Φορείς. Ειδικότερα, συμμετείχα στην υποβολή ερευνητικών προτάσεων είτε ως μέλος της ερευνητικής ομάδας, είτε ως Επιστημονική Υπεύθυνη στα πλαίσια των προγραμμάτων:

1. «Υποστήριξη ερευνητών με έμφαση στους νέους ερευνητές» συγχρηματοδοτούμενο από το Ευρωπαϊκό Κοινωνικό Ταμείο (Κωδ. Πρόσκλησης: ΕΔΒΜ34)
2. 1<sup>ης</sup> Προκήρυξης Ερευνητικών Έργων ΕΛΙΔΕΚ για την Ενίσχυση Μεταδιδακτόρων Ερευνητών/Τριών (ως Επιστημονική Υπεύθυνη)
3. 1<sup>ης</sup> Προκήρυξης ερευνητικών έργων ΕΛΙΔΕΚ για την ενίσχυση των μελών ΔΕΠ και Ερευνητών/τριών και την προμήθεια ερευνητικού εξοπλισμού μεγάλης αξίας
4. 2<sup>ης</sup> Προκήρυξης Ερευνητικών Έργων ΕΛΙΔΕΚ για την Ενίσχυση Μεταδιδακτόρων Ερευνητών/Τριών
5. 2<sup>ης</sup> Προκήρυξης ερευνητικών έργων ΕΛΙΔΕΚ για την ενίσχυση των μελών ΔΕΠ και Ερευνητών/τριών και την προμήθεια ερευνητικού εξοπλισμού μεγάλης αξίας και
6. HORIZON 2020 – WORK PROGRAMME 2018-2020 με σημαντικούς συνεργαζόμενους φορείς όπως α) GeoBioTec, University of Aveiro, Portugal, β) Max-Planck Intitut für Chemie, Mainz, Germany, γ) MIO-ECSDE (Mediterranean Information Office for Environment, Culture and Sustainable Development) δ) Northumbria University, και ε) global DustSafe (www.360dustanalysis.com) network

#### 4.4 Ερευνητικά Ενδιαφέροντα

- Γεωχημεία με έμφαση στις γεωχημικές διεργασίες ιζημάτων
- Αστική γεωχημεία με εφαρμογή γεωχημικών και ιζηματολογικών μεθόδων για την αξιολόγηση περιβαλλοντικών συνθηκών

- Περιβαλλοντική Γεωχημεία εστιάζοντας στη μελέτη της γεωχημικής συμπεριφοράς δυνητικά τοξικών χημικών στοιχείων στο επιφανειακό περιβάλλον, καθώς και την μελέτη του βαθμού ρύπανσης ιζημάτων από ανόργανους ρυπαντές
- Περιβαλλοντικός μαγνητισμός
- Τεχνολογίες αποκατάστασης ρυπασμένων εδαφών και αποβλήτων με χρήση πράσινων ορυκτών με έμφαση στα αργιλικά ορυκτά
- Εφαρμογή μεθόδων μέτρησης αιωρούμενων σωματιδίων

## 5. ΑΚΑΔΗΜΑΪΚΗ ΕΜΠΕΙΡΙΑ

### 5.1 Αυτοδύναμο Διδακτικό

Έχω διδάξει τα παρακάτω μαθήματα στα πλαίσια συμβάσεων ανάθεσης εκπαιδευτικού έργου:

- **Αυτοδύναμη διδασκαλία** ως εκπαιδύτρια στις ειδικότητες Αργυροχρυσοχοΐας, Τεχνικός Χειροποίητου Κοσμήματος & Τεχνικός Συντήρησης Έργων Τέχνης στο Δ.Ι.Ε.Κ. Πολιτιστικό Θεσσαλονίκης. 10/2002-02/2009
- **Αυτοδύναμη διδασκαλία** των προπτυχιακών μαθημάτων Υδρογεωλογία & Θέματα Ενεργειακών Πηγών ως Εργαστηριακός Συνεργάτης με ελλιπή προσόντα στη Σχολή Τεχνολογίας Πετρελαίου και Φυσικού Αερίου, Τ.Ε.Ι. Καβάλας. 10/2002-06/2004
- **Αυτοδύναμη διδασκαλία** των εργαστηριακών μαθημάτων Γεωλογία, Ορυκτολογία II ως Εργαστηριακός Συνεργάτης με ελλιπή προσόντα στο Τμήμα Γεωτεχνολογίας και Περιβάλλοντος του Τ.Ε.Ι. Δυτικής Μακεδονίας. 10/2003-07/2006
- **Αυτοδύναμη διδασκαλία** του εργαστηριακού μαθήματος Ορυκτολογία-Πετρογραφία ως Εργαστηριακός Συνεργάτης με ελλιπή προσόντα στη Σχολή Δασοπονίας, Τ.Ε.Ι. Καβάλας. 10/2005-06/2006
- **Αυτοδύναμη διδασκαλία** των εργαστηριακών μαθημάτων Γεωλογία, Ορυκτολογία II, Κοιτασματολογία, Γεωλογικές Χαρτογραφήσεις & Εφαρμοσμένη Γεωχημεία ως Εργαστηριακός Συνεργάτης με πλήρη προσόντα (αντιστοιχία με την βαθμίδα του Καθηγητή Εφαρμογών) στο Τμήμα Γεωτεχνολογίας και Περιβάλλοντος του Τ.Ε.Ι. Δυτικής Μακεδονίας. 10/2006-07/2010.

### 5.2 Συνεπικουρία μελών Δ.Ε.Π.

Κατά την διάρκεια των μεταπτυχιακών σπουδών μου προσέφερα διδακτικό έργο στα πλαίσια συνεπικουρίας των μελών ΔΕΠ στα εργαστηριακά μαθήματα του Τομέα Ορυκτολογίας-Πετρολογίας-Κοιτασματολογίας, του Τμήματος Γεωλογίας, Α.Π.Θ. Σπουδαστικά έτη 1998-2001 & 2003-2013

### 5.3 Συμβολή στην Κατάρτιση Νέων Επιστημόνων

Καθοδήγησα τις παρακάτω πτυχιακές εργασίες που εκπονήθηκαν στα πλαίσια του προπτυχιακού προγράμματος σπουδών του Τμήματος Γεωτεχνολογίας και Περιβάλλοντος, του Τ.Ε.Ι. Δυτικής Μακεδονίας:

1. Ρέλια Θ., 2008. Ημιπολύτιμοι λίθοι: εμφανίσεις στην Ελλάδα..
2. Ντούγκας Κ., 2009. Μελέτη περιβαλλοντικών επιπτώσεων και αποκατάστασης περιβάλλοντος στη Δημοτική Επιχείρηση Ανάπτυξης Λιτοχώρου.
3. Μάγκος Χ., Ρουσάνη Ν., 2010. Η ρύπανση του θαλάσσιου περιβάλλοντος.
4. Κουτρουμή Σ., Σχοινοχωρίτη Κ., 2010. Μπεντονίτης: ιδιότητες, εφαρμογές, ελληνικά κοιτάσματα.
5. Καφαντάρης Ε., 2010. Διαχείριση αποβλήτων αμιάντου.

6. Ζαχαρίας Α., Τσιανάκας Κ., Φουρμούζης Α., 2010. Οι πολυκυκλικοί αρωματικοί υδρογονάνθρακες στην ατμόσφαιρα.

## 6. ΕΠΙΣΤΗΜΟΝΙΚΗ ΔΡΑΣΗ & ΔΙΑΚΡΙΣΕΙΣ

### 6.1 Διακρίσεις-Υποτροφίες

- Υποτροφία για καλύτερη επίδοση μαθημάτων στο 2<sup>ο</sup> Έτος Σπουδών, Ίδρυμα Κρατικών Υποτροφιών. 1995-1996
- Υποτροφία για την εκπόνηση Μεταπτυχιακής Διατριβής Ειδικευσης, Ίδρυμα Κρατικών Υποτροφιών. 1999-2000
- Υποτροφία για την εκπόνηση Διδακτορικής Διατριβής, Ίδρυμα Κρατικών Υποτροφιών. 2003-2006
- Υποτροφία για εκπόνηση διδακτορικής διατριβής, Πρόγραμμα ΗΡΑΚΛΕΙΤΟΣ II. 09/2010-08/2013
- Υποτροφία Αριστείας για μεταδιδακτορική έρευνα, Επιτροπή Ερευνών Α.Π.Θ. 01/2014-12/2014
- Υποτροφία Αριστείας για μεταδιδακτορική έρευνα, Ίδρυμα Κρατικών Υποτροφιών, Πρόγραμμα ΙΚΥ-SIEMENS. 09/2014-08/2016
- Υποτροφία ΙΚΥ, Πράξη «Ενίσχυση Μεταδιδακτόρων ερευνητών/ερευνητριών- Β' κύκλος», 09/2019 - Σήμερα

### 6.2 Προγράμματα Μετεκπαίδευσης

- 8<sup>th</sup> EMU (European Mineralogical Union) School and Erasmus Intensive Program ADVANCEMIN (IP2006) on Technical Mineralogy: Silicate Based Materials, Department of EÖTVÖS LORÁND University, Budapest, Hungary
- Erasmus Intensive Program ADVANCECLAY (IP2008) on "Diocetedral clay-related layer silicates" Department of Mineralogy EÖTVÖS LORÁND UNIVERSITY, Budapest, Hungary
- EMU (European Mineralogical Union) School and Erasmus Intensive Program ADVANINMIN (IP-EMU SCHOOL 2009) on "Advances in the Characterization of Industrial Minerals", Technical University of Crete, Chania, Greece
- Σεμινάρια «Εισαγωγή στο Γεωγραφικό Σύστημα Πληροφοριών» (ArcGIS I & ArcGIS II), συνδιοργάνωση Marathon Data Systems και Κέντρο Υποστήριξης Τεχνολογιών Πληροφορικής (ΚΥΤΠ), Α.Π.Θ
- Σεμινάριο «Λογισμικό Τηλεπισκόπησης ENVI-Βασική Εκπαίδευση», Κέντρο Υποστήριξης Τεχνολογιών Πληροφορικής (ΚΥΤΠ), Α.Π.Θ.
- Σεμινάριο «Προγραμματιστής Βάσεων Δεδομένων», ΟΑΕΔ στο πλαίσιο της πράξης Προώθηση στην απασχόληση Ανέργων ηλικίας 30 έως 45 ετών πτυχιούχων θετικής, τεχνολογικής και οικονομικής κατεύθυνσης, μέσω κατάρτισης στον κλάδο ΤΠΕ.

### 6.3 Συμμετοχή σε Διεθνή και Εθνικά Συνέδρια

- 1<sup>ο</sup> Συνέδριο Επιτροπής Οικονομικής Γεωλογίας, Ορυκτολογίας και Γεωχημείας της Ελληνικής Γεωλογικής Εταιρίας με θέμα: «Ορυκτός Πλούτος και Περιβάλλον στη Δυτική Μακεδονία», Κοζάνη (12-13/2/2000)
- 2<sup>ο</sup> Πανελλήνιο Συνέδριο με θέμα: «Το Ελληνικό Μάρμαρο», Θεσσαλονίκη. (18/2/2000)
- 5<sup>th</sup> International Conference on Environment Pollution, Θεσσαλονίκη (28/8-1/9/2000)
- 9<sup>ο</sup> Διεθνές Συνέδριο της Ελληνικής Γεωλογικής Εταιρίας με έμφαση στην Συμβολή των Γεωεπιστημών στην Ανάπτυξη, Αθήνα (26-28/9/2001)

- Ημερίδα, «Αδρανή Πετρώματα και Δομικοί Λίθοι», Επιτροπής Οικονομικής Γεωλογίας, Ορυκτολογίας και Γεωχημείας της Ελληνικής Γεωλογικής Εταιρίας, Θεσσαλονίκη (11/4/2003)
- 10<sup>ο</sup> Διεθνές Συνέδριο της Ελληνικής Γεωλογικής Εταιρίας, Θεσσαλονίκη (15-17/4/2004) Συμμετοχή με 1 ανακοίνωση
- 2<sup>ο</sup> Συνέδριο της Επιτροπής Οικονομικής Γεωλογίας, Ορυκτολογίας & Γεωχημείας της Ελληνικής Γεωλογικής Εταιρίας, Θεσσαλονίκη (7-9/10-2005) Συμμετοχή με 1 ανακοίνωση
- 2<sup>ο</sup> Συνέδριο Συμβουλίου Περιβάλλοντος Α.Π.Θ. «Τα περιβαλλοντικά προβλήματα της Θεσσαλονίκης & της ευρύτερης περιοχής: Οι απόψεις του Α.Π.Θ.», Θεσσαλονίκη (1-4/6/2006)
- Ημερίδα με θέμα: «Ο θετικός ρόλος του κλάδου του μαρμάρου στην περιφερειακή ανάπτυξη της χώρας.» Marmine Stone, HELEXPO (27/5/2007)
- 3<sup>ο</sup> Συνέδριο «Εγκαταστάσεις Επεξεργασίας Νερού και Υγρών Αποβλήτων Μικρής Κλίμακας», Σκιαθος (14-16/5/2010) Συμμετοχή με 1 ανακοίνωση
- 12<sup>ο</sup> Διεθνές Συνέδριο της Ελληνικής Γεωλογικής Εταιρίας «Πλανήτη Γη: Γεωλογικές Διεργασίες και Βιώσιμη Ανάπτυξη, Πάτρα (19-22/5/2010) Συμμετοχή με 1 ανακοίνωση.
- XIX Congress of the Carpathian Balkan Geological Association, Thessaloniki, Greece (23-26/09/2010) Συμμετοχή με 2 ανακοινώσεις
- 2<sup>nd</sup> International Symposium on Green Chemistry for Environment and Health, Mykonos (27-29/09/2010) Συμμετοχή με 2 ανακοινώσεις
- 4<sup>ο</sup> Περιβαλλοντικό Συνέδριο Μακεδονίας, Θεσσαλονίκη (18-20/03/2011) Συμμετοχή με 2 ανακοινώσεις
- 8<sup>ο</sup> Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη (26-28/05/2011) Συμμετοχή με 1 ανακοίνωση
- EUROCLAY 2011, European Clay Conference, Antalya Turkey (26/6-1/7 2011) Συμμετοχή με 1 ανακοίνωση
- 12<sup>th</sup> International Conference on Environmental Science and Technology, Rhodes Island, Greece (8-10/9/2011) Συμμετοχή με 1 ανακοίνωση
- International Conference Protection and Restoration of the Environment Conference XI, Thessaloniki, Greece (3-6/7/2012) Συμμετοχή με 1 ανακοίνωση
- 9<sup>th</sup> ISEG, International Symposium on Environmental Geochemistry, Aveiro, Portugal (15-21/7/2012) Συμμετοχή με 3 ανακοινώσεις
- 1<sup>ο</sup> Περιβαλλοντικό Συνέδριο Θεσσαλίας, Σκιάθος, Ελλάδα (8-10/9/2012) Συμμετοχή με 1 ανακοίνωση
- Goldschmidt 2013, Florence, Italy (25-30/08/2013) Συμμετοχή με 1 ανακοίνωση
- 13<sup>th</sup> International Congress of the Geological Society of Greece "Exploration and Exploitation of Mineral Resources", Chania, Greece (5-8/09/2013) Συμμετοχή με 1 ανακοίνωση
- 4<sup>th</sup> Conference on Small and Decentralized Water and Wastewater Treatment Plants, Volos (25-26/10/2013) Συμμετοχή με 1 ανακοίνωση
- 14<sup>th</sup> International Conference on Environmental Science and Technology, Rhodes, Greece (3-5 /09/2015) Συμμετοχή με 2 ανακοινώσεις
- 2<sup>ο</sup> Περιβαλλοντικό Συνέδριο Θεσσαλίας, Σκιάθος, Ελλάδα (26-28/09/2015) Συμμετοχή με 1 ανακοίνωση
- 14<sup>th</sup> International Congress of the Geological Society of Greece, Thessaloniki, Greece (May 2016) Συμμετοχή με 1 ανακοίνωση
- 6<sup>ο</sup> Περιβαλλοντικό Συνέδριο Μακεδονίας, Θεσσαλονίκη (5-7/05/2017) Συμμετοχή με 1 ανακοίνωση



#### 6.4 Κρίση Επιστημονικών Εργασιών

- Κριτής άρθρων προς δημοσίευση σε έγκριτα επιστημονικά περιοδικά (Publons Reviewer ID: <https://publons.com/researcher/C-8274-2014/>) όπως:
  - Atmosphere, MDPI (I.F.: 1.704)
  - Atmospheric Pollution Research, Elsevier (I.F.: 2.152)
  - Chemosphere, Elsevier (I.F.: 4.427)
  - Clay Minerals, GeoScience World (I.F.: 1.219)
  - Desalination and Water Treatment, Taylor & Francis (I.F.:1.383)
  - Ecotoxicology and Environmental Safety, Elsevier (I.F.: 3.974)
  - Environmental Earth Sciences, Spinger (I.F.: 1.435)
  - Environmental Geochemistry and Health, Spinger (I.F.: 2.994)
  - Environmental Pollution, Elsevier (I.F.: 4.358)
  - Environmental Science and Pollution Research, Springer (I.F.: 2.800)
  - Geosciences, MDPI (I.F.: 1.97)
  - International Journal of Environmental Research and Public Health, MDPI (I.F.: 2.145)
  - International Journal of Environmental Science and Technology, Springer (I.F.: 2.037)
  - Journal of Environmental Management, Elsevier (I.F.: 4.005)
  - Minerals, MDPI (I.F.:2.250)
  - Particulate Science and Technology, Taylor & Francis (I.F.: 1.081)
  - RSC Advances,
  - Science of the Total Environment, Elsevier (I.F.: 4.610)
- Μέλος του Reviewer Board του περιοδικού Atmosphere-MDPI (I.F. 2.046) [https://www.mdpi.com/journal/atmosphere/submission\\_reviewers](https://www.mdpi.com/journal/atmosphere/submission_reviewers)

#### 6.5 Οργάνωση Επιστημονικών Συνεδρίων-Μέλος Επιστημονικών Εταιριών

- Μέλος της Οργανωτικής Επιτροπής του 10<sup>ου</sup> Διεθνούς Συνεδρίου της Ελληνικής Γεωλογικής Εταιρίας
- Μέλος της Οργανωτικής Επιτροπής του 2<sup>ου</sup> Συνεδρίου της Επιτροπής Οικονομικής Γεωλογίας, Ορυκτολογίας, Γεωχημείας.
- Τακτικό Μέλος της Ελληνικής Γεωλογικής Εταιρίας
- Τακτικό Μέλος του Γεωτεχνικού Επιμελητηρίου Ελλάδας
- Τακτικό Μέλος της Ελληνικής Ιζηματολογικής Ένωσης.

#### 6.6 Εμπειρία σε μεθόδους ανάλυσης

Η ενασχόλησή μου μέσω της διδακτορικής μου διατριβής, της συνεχούς μεταδιδακτορική μου έρευνας, αλλά και της συμμετοχής μου σε ερευνητικά προγράμματα με κατέστησε έμπειρη σε μεθόδους ανάλυσης γεωλογικών και άλλων δειγμάτων, όπως:

1. Μέθοδος φθορισμού ακτίνων Χ (XRF).
2. Υγρή μέθοδος ανάλυσης ορυκτών και πετρωμάτων.
3. Περιθλασμετρία ακτίνων-Χ (XRD)
4. Ηλεκτρονική μικροσκοπία σάρωσης (SEM).
5. Φασματοφωτόμετρο Υπεριώδους-Ορατού (UV-VIS)
6. Προσδιορισμός βιοπροσβασιμότητας μέσω κατάποσης και εισπνοής (Bioaccessibility tests)
7. Μαγνητικές μετρήσεις για εφαρμογές περιβαλλοντικού μαγνητισμού (μαγνητική επιδεκτικότητα, θερμομαγνητικές αναλύσεις, ισόθερμη παραμένουσα μαγνήτιση)

## 7. ΣΥΝΟΨΗ ΕΡΕΥΝΗΤΙΚΗΣ & ΑΚΑΔΗΜΑΪΚΗΣ ΕΜΠΕΙΡΙΑΣ

- 06/2019-Σήμερα:** Μεταδιδακτορική ερευνήτρια (Post-Doctoral Researcher), Τομέας Γεωφυσικής, Τμήμα Γεωλογίας, Α.Π.Θ.  
Σύμβαση Υποτρόφου ΙΚΥ, Πράξη «Ενίσχυση Μεταδιδακτόρων ερευνητών/ερευνητριών- Β' κύκλος
- 02/2018-Σήμερα:** Ερευνήτρια, Σύμβαση έργου (02/2018-05/2018), Πρόγραμμα PlantCult, EU Programmes 2014-2020, Horizon 2020, Excellent Science, European Research Council
- 09/2014-08/2016:** Μεταδιδακτορική ερευνήτρια (Post-Doctoral Researcher), Σύμβαση έργου, Πρόγραμμα ΙΚΥ-SIEMENS, Ίδρυμα Κρατικών Υποτροφιών
- 01/2014-12/2014:** Μεταδιδακτορική ερευνήτρια (Post-Doctoral researcher), Σύμβαση έργου, Επιτροπή Ερευνών, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης
- 09/2010-08/2013:** Ερευνήτρια, Σύμβαση Έργου, Πρόγραμμα Ηράκλειτος II «Χρηματοδοτήσεις για διδακτορική έρευνα»
- 10/2010-09/2011:** Ερευνήτρια, Σύμβαση έργου, Επιτροπή Ερευνών Α.Π.Θ.
- 10/2003-06/2012:** Ανώτερη και ανώτατη εκπαίδευση (Συνεπικουρία μελών ΔΕΠ), Σύμβαση έργου, Τμήμα Γεωλογίας, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης
- 10/2004-12/2006:** Εργαστηριακή Συνεργάτης, Σύμβαση εργασίας, Υπηρεσίες τεχνικής και επαγγελματικής τριτοβάθμιας εκπαίδευσης, Τμήμα Δασοπονίας, ΤΕΙ Ανατολικής Μακεδονίας-Θράκης.
- 10/2003-12/2010:** Εργαστηριακή Συνεργάτης, Σύμβαση εργασίας, Υπηρεσίες τεχνικής και επαγγελματικής τριτοβάθμιας εκπαίδευσης, Τμήμα Γεωτεχνολογίας και Περιβάλλον, ΤΕΙ Δυτικής Μακεδονίας
- 10/2002-06/2004:** Εργαστηριακή Συνεργάτης, Σύμβαση εργασίας, Υπηρεσίες τεχνικής και επαγγελματικής τριτοβάθμιας εκπαίδευσης, Τμήμα Τεχνολογίας Πετρελαίου & Φυσικού Αερίου, ΤΕΙ Ανατολικής Μακεδονίας-Θράκης
- 10/2002-06/2010:** Εκπαίδευση για ενηλίκους, Σύμβαση εργασίας, Οργανισμός Επαγγελματικής Εκπαίδευσης & Κατάρτισης,

**8. ΕΠΙΣΤΗΜΟΝΙΚΟ ΕΡΓΟ-ΔΗΜΟΣΙΕΥΣΕΙΣ**

Scopus Author ID: 39861049000

Web of Science Researcher ID: C-8274-2014

Orchid ID: 0000-0003-4723-4149

**A. ΔΙΑΤΡΙΒΕΣ ΕΙΔΙΚΕΥΣΗΣ-ΔΙΔΑΚΤΟΡΙΚΗ ΔΙΑΤΡΙΒΗ**

- A1. **Μπουρλίβα Α.** (2001) Μελέτη εμφανίσεων βερμικουλίτη σε περιοχές της Βόρειας Ελλάδας. Δυνατότητα χρήσης του βερμικουλίτη στην επίλυση περιβαλλοντικών προβλημάτων. Διατριβή Ειδικεύσεως, Α.Π.Θ., 118σ.
- A2. **Μπουρλίβα Α.** (2009) Φύση και Σύσταση σωματιδιακής ύλης στην ατμόσφαιρα μεγάλων αστικών κέντρων. Διατριβή Ειδικεύσεως, Ελληνικό Ανοικτό Πανεπιστήμιο, 172σ.
- A3. **Μπουρλίβα Α.** (2013) Χρήση φυσικών αργίλων στην απομάκρυνση βαρέων μετάλλων από υδατικά διαλύματα και αστικά και βιομηχανικά λύματα. Διδακτορική Διατριβή, Α.Π.Θ. 340σ.

**B. ΔΗΜΟΣΙΕΥΣΕΙΣ ΣΕ ΔΙΕΘΝΗ ΕΠΙΣΤΗΜΟΝΙΚΑ ΠΕΡΙΟΔΙΚΑ****B1. Διεθνή Περιοδικά με Δείκτη Απήχησης**

- B1.1 Bantsis G., Sikalidis C., Betsiou M., Yioultsis T., **Bourliva A.** (2011) Ceramic building materials for electromagnetic interference shielding using metallurgical slags. *Advances in Applied Ceramics*, 110 (4), 233-237.
- B1.2 Remoundaki E., **Bourliva A.**, Kokkalis P., Mamouri R.E., Papayannis A., Grigoratos T., Samara C., Tsezos M. (2011) PM10 composition during an intense Saharan dust transport event over Athens (Greece). *Science of the Total Environment*, 409 (20), 4361-4372.
- B1.3 Bantsis G., Betsiou M., **Bourliva A.**, Yioultsis T., Sikalidis C. (2011) Synthesis of porous iron oxide ceramics using Greek wooden templates and mill scale waste for EMI applications. *Ceramics International*, 38(1), 721-729.
- B1.4 **Bourliva A.**, Michailidis K., Sikalidis C., Filippidis A., Betsiou M. (2011) Nickel removal from aqueous solutions utilizing Greek natural bentonite and vermiculite. *Fresenius Environmental Bulletin*, 21 (8c), 2466-2471.
- B1.5 **Bourliva A.**, Michailidis K., Sikalidis C., Filippidis A., Betsiou M. (2013) Lead removal from aqueous solutions by natural Greek bentonites. *Clay Minerals*, 48, 771-787.
- B1.6 Betsiou M., Bantsis G., Sikalidis C., Zoi I., **Bourliva A.** (2014) Loading and delivery of anticancer drugs using montmorillonite. *International Journal of Applied Ceramics Technology*, 11 (1), 92-99.
- B1.7 **Bourliva A.**, Michailidis K., Sikalidis C., Filippidis A., Betsiou M. (2015) Adsorption of Cd(II), Cu(II), Ni(II) and Pb(II) onto natural bentonite: study in mono- and multi-metal systems. *Environmental Earth Sciences*, 73 (9), 5435-5444.
- B1.8 Assimopoulou A., **Bourliva A.**, Kristo A., Sikalidis A. (2015) Modified hydroxyapatite-shikonin system: a multipurpose biomaterial for tissue repair. *International Journal of Clinical and Medical Imaging*, 2 (12) <http://dx.doi.org/10.4172/2376-0249.1000407>
- B1.9 **Bourliva A.**, Papadopoulou L., Aidona E. (2016) Study of road dust magnetic phases as the main carrier of potentially harmful trace elements. *Science of the Total Environment*, 553, 380-391.
- B1.10 **Bourliva A.**, Christophoridis C., Papadopoulou L., Giouri K., Papadopoulos A., Mitsika E., Fytianos K. (2017) Characterization, heavy metal content and health

- risk assessment of urban road dusts from the historic center of the city of Thessaloniki, Greece. *Environmental Geochemistry and Health*, 39, 611-634.
- B1.11 **Bourliva A.**, Papadopoulou L., Aidona E., Simeonidis K., Vourlias G., Devlin E., Sanakis Y. (2017) Enrichment and oral bioaccessibility of selected trace elements in fly ash-derived magnetic components. *Environmental Science and Pollution Research*, 24 (3), 2337-2349.
- B1.12 **Bourliva A.**, Papadopoulou L., Aidona E., Giouri K., Simeonidis K., Vourlias G. (2017) Characterization and geochemistry of technogenic magnetic particles (TMPs) in contaminated industrial soils: Assessing health risk via ingestion. *Geoderma*, 295, 86-97.
- B1.13 **Bourliva A.**, Papadopoulou L., Aidona E., Giouri K. (2017) Magnetic signature, geochemistry, and oral bioaccessibility of “technogenic” metals in contaminated industrial soils from Sindos Industrial Area, Northern Greece. *Environmental Science and Pollution Research*, 24, 17041-17055.
- B1.14 **Bourliva A.**, Sikalidis A.K., Papadopoulou L., Betsiou M., Michailidis K., Sikalidis C., Filippidis A. (2018) Elimination of Cu<sup>2+</sup> and Ni<sup>2+</sup> ions in aqueous solutions by adsorption onto natural attapulgite and vermiculite. *Clay Minerals*, 53(1), 1-15
- B1.15 **Bourliva A.**, Kantiranis N., Papadopoulou L., Aidona E., Christophoridis C., Kollias P., Evgenakis M., Fytianos K. (2018) Seasonal and spatial variations of magnetic susceptibility and potentially toxic elements (PTEs) in road dusts of Thessaloniki city, Greece: a one-year monitoring period. *Science of the Total Environment*, 639, 417-427.
- B1.16 Berihuete-Azorín M., Stika H.-P., **Bourliva A.**, Papadopoulou L., Valamoti S.M. (2019) “Fresh from the Oven”: experiments on Triticum spelta and a protocol for carbonising specimens for archaeobotanical comparison collections. *Journal of Archaeological Science: Reports* (Accepted Manuscript)
- B1.17 Christophoridis C., **Bourliva A.**, Evgenakis E., Papadopoulou L., Fytianos K. (2019) Effects of anthropogenic activities on the levels of heavy metals in marine surface sediments of the Thessaloniki Bay, Northern Greece: spatial distribution, sources and contamination assessment. *Microchemical Journal*, 149, 104001
- B1.18 Christophoridis C., Kosma A., Evgenakis E., **Bourliva A.** (2019) Determination of heavy metals and health risk assessment of cheese products consumed in Greece. *Journal of Food Composition and Analysis*, 82, 103238.
- B1.19 **Bourliva A.**, Papadopoulou L., Ferreira da Silva E., Patinha C. (2020) In vitro assessment of oral and respiratory bioaccessibility of trace elements of environmental concern in Greek fly ashes: assessing health risk via ingestion and inhalation. *Science of the Total Environment*, 704, 135324
- B1.20 Christophoridis C., Evgenakis E., **Bourliva A.**, Papadopoulou L., Fytianos K. (2020) Concentration, fractionation and ecological risk assessment of heavy metals and phosphorous in surface sediments from lakes in N. Greece. *Environmental Geochemistry and Health*, doi.org/10.1007/s10653-019-00509-x
- B1.21 Sabouhi M. , Ali-Taleshi M.S., **Bourliva A.**, Nejadkoorki F., Squizzato S. (2020) Insights into the anthropogenic load and occupational health risk of heavy metals in floor dust of selected workplace microenvironments in an industrial city of Iran. *Science of the Total Environment* (accepted)
- B1.22 Sikalidis A. K., Assimopoulou A. N., **Bourliva A.**, Lygeros A. (2020) Hydroxyapatite based ceramic bone analogue drug delivery system development, for the delivery of anti-inflammatory, anti-cancer phytochemical shikonin. *Drug Delivery and Translational Research* (under review)

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- B1.24 Ali-Taleshi M. S., Moeinaddini M., **Bourliva A.**, Shahbazi R., Feiznia S., Squizzato S. (2020) Geochemical patterns and spatiotemporal variations and associated health risks of major, trace and rare earth elements in road dusts in Tehran, Iran. *Environmental Pollution* (under preparation)

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- B2.2 **Bourliva A.**, Michailidis K., Apostolidis N., Filippidis A., Sikalidis C. (2010). Municipal wastewater treatment with bentonite from Milos island, Greece. *Bulletin of the Geological Society of Greece*, 43, 2532-2539.
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- B3.1 **Bourliva A.**, Papadopoulos A., Giouri A., Papadopoulou L., Kantiranis N. (2010). On the mineralogy, physical characteristics and the main elemental content of urban road dust particles from the historic centre of the city of Thessaloniki, Northern Greece. *Scientific Annals, School of Geology, Aristotle University of Thessaloniki, Special Volume 100*, 31-38.
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## **Γ. ΑΝΑΚΟΙΝΩΣΕΙΣ ΣΕ ΔΙΕΘΝΗ & ΕΘΝΙΚΑ ΣΥΝΕΔΡΙΑ**

### Γ1. Διεθνή Συνέδρια με Στόχημα Κριτών

- Γ1.1 **Bourliva A.**, Michailidis K., Sikalidis C., Filippidis A., Betsiou M. (2010). Natural bentonite from Milos island, Greece: a low-cost adsorbent for removal of cadmium from water and wastewaters. *3<sup>rd</sup> International Conference on Small and Decentralized Water and Wastewater Treatment Plants, Skiathos, Greece, e-Proceedings*, 63-68.
- Γ1.2 Papayannis A., Mamouri R.E., Remoundaki E., **Bourliva A.**, Tsaknakis G., Amiridis V., Kokkalis P., Veselovskiy I., Kolgotin A., Samara C. (2010). Optical,

- microphysical and chemical properties of Saharan dust aerosols using a multi-wavelength Raman lidar, in situ sensors and modeling. *25<sup>th</sup> International Laser Radar Conference*, St.Peterburg, Russia, e-Proceedings, 4p.
- Γ1.3 Remoundaki E., **Bourliva A.**, Papayannis A., Mamouri R.E., Samara C. (2010). PM10 concentration levels, composition and morphology and aerosol vertical profiles by multi-wavelength Raman lidar during a Saharan dust transport event over Athens, Greece. *10<sup>th</sup> International Conference of Protection and Restoration of the Environment*, Corfu, Greece, e-Proceedings, 8p.
- Γ1.4 **Bourliva A.**, Michailidis K., Sikalidis C., Filippidis A, Betsiou M. (2010). Nickel removal from aqueous solutions utilizing Greek natural bentonite and vermiculite. *2<sup>nd</sup> International Symposium on Green Chemistry for Environment and Health*, Mykonos, Greece, e-Proceedings, 6p.
- Γ1.5 Bantsis G., Betsiou M., Sikalidis C., Yioultsis T., **Bourliva A.** (2010) Ceramic building materials for protection from electromagnetic environmental pollution using metallurgical slags. *2<sup>nd</sup> International Symposium on Green Chemistry for Environment and Health*, Mykonos, Greece, e-Proceedings, 7p.
- Γ1.6 **Bourliva A.**, Kantiranis N., Papadopoulou L., Aidona E., Christoforidis C., Kollias P. (2011) On the morphology, geochemical characteristics and magnetic properties of urban road dust particles from the historic centre of the city of Thessaloniki, Greece. *12<sup>th</sup> International Conference on Environmental Science and Technology (CEST)*, Rhodes island, Greece, e-Proceedings, A238-245.
- Γ1.7 **Bourliva A.**, Kantiranis N., Papadopoulou L., Christoforidis C., Kollias P. (2012) Heavy metals in road dusts from the center of the city of Thessaloniki, Greece: A mineralogical and chemical assessment. *11<sup>th</sup> International Conference of Protection and Restoration of the Environment Conference*, Thessaloniki, Greece, e-Proceedings, 1040-1049.
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- Γ1.9 **Bourliva A.**, Papadopoulou L., Aidona E. (2015) Heavy metal content and health risk associated with magnetic particles in urban road dusts from Thessaloniki city center, Greece: preliminary results. *14<sup>th</sup> International Conference on Environmental Science and Technology*, Rhodes, Greece, e-Proceedings, CEST2015\_00655, 5p.
- Γ1.10 **Bourliva A.**, Papadopoulou L. (2015) Microstructural characteristics of magnetic particles in urban and industrial dusts from Thessaloniki area, Greece: Preliminary results. *14<sup>th</sup> International Conference on Environmental Science and Technology*, Rhodes, Greece, e-Proceedings, CEST2015\_00676, 5p.
- Γ1.11 Sikalidis C., Betsiou M., **Bourliva A.** (2018) Innovative Ceramic Drug Delivery Implants. *3<sup>rd</sup> E.N.M.F. (Exploring Novel Medical Frontiers)*, Thessaloniki, Greece, e-Proceedings, 5p.

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- Γ2.1 **Bourliva A.**, Michailidis K., Sikalidis C., Trontsios G. (2005) Removal of chromium (III) from aqueous solutions by vermiculites from N.Greece areas. *Proceedings of the 2<sup>nd</sup> Conference of the Committee of Economic Geology, Mineralogy, Geochemistry*, Thessaloniki, Greece, 279-288 (in Greek with English abstract)
- Γ2.2 **Bourliva A.**, Christoforidis C., Papadopoulos A., Giouri A., Papadopoulou L., Kantiranis N., Kollias P., Fytianos K. (2011) Determination of mineralogy,

- morphology and heavy metal content of urban road dust in the historic center of the city of Thessaloniki. 4<sup>th</sup> Environmental Conference of Macedonia, Thessaloniki, Greece, e-Proceedings, 8p. (in Greek with English abstract)
- Γ2.3 **Bourliva A.**, Michailidis K., Sikalidis C., Filippidis A., Apostolidis N., Betsiou M., Bantsis G. (2011) Investigation on remediation of plating factory wastewaters using natural bentonite. Proceedings of the 4<sup>th</sup> Environmental Conference of Macedonia, Thessaloniki, Greece, e-Proceedings, 7p. (in Greek with English abstract)
- Γ2.4 **Bourliva A.**, Michailidis K., Sikalidis C., Filippidis A., Betsiou M., Bantsis G. (2011) Copper removal from single and multi-component systems by natural bentonite from Milos island, Greece. 8<sup>th</sup> Panhellenic Scientific Chemical Engineering Congress, Thessaloniki, e-Proceedings, 8p.
- Γ2.5 Kantiranis N., Papadopoulou L., Zannis P., Kollias P., **Bourliva A.** (2012) Mineralogical, morphological and chemical characteristics of Saharan dust fallen as mud rain in the city of Volos. 1<sup>st</sup> Environmental Conference of Thessaly, Skiathos Island, Greece, e-Proceedings, 63-69 (in Greek)
- Γ2.6 **Bourliva A.**, Papadopoulou L. (2017) Determination of bioaccessible fractions of potentially harmful elements in greek fly ashes. 6<sup>th</sup> Environmental Conference of Macedonia, Thessaloniki, Greece, e-Proceedings, 8p. (in Greek with English abstract)

### Γ3. Περιλήψεις-Εκτεταμένες Περιλήψεις σε Διεθνή Συνέδρια με Σύστημα Κριτών

- Γ3.1 **Bourliva A.**, Michailidis K., Sikalidis C., Filippidis A. (2010). Kinetic and isothermal study of lead ion adsorption onto natural bentonites with different cation exchange capacity (CEC) from Milos island, Greece. *Geologica Balcanica*, 39 (1-2), 53.
- Γ3.2 **Bourliva A.**, Kantiranis N. (2011) XRD and FT-IR study of cations exchanged montmorillonites. *Euroclay 2011*, Antalya, Turkey, Book of Abstracts, 302.
- Γ3.3 **Bourliva A.**, Christoforidis C., Kantiranis N., Kollias P., Papadopoulou L. (2012) Heavy metal contamination in urban road dusts in the city of Thessaloniki, Greece: mineralogical and morphological characteristics and mobility of potentially toxic metals. *9<sup>th</sup> International Symposium on Environmental Geochemistry*, Aveiro, Portugal, Book of Abstracts, 360
- Γ3.4 **Bourliva A.**, Michailidis K., Sikalidis C., Filippidis A., Betsiou M. (2012) Adsorption of heavy metals onto Greek bentonite in single and multi component systems. *9<sup>th</sup> International Symposium on Environmental Geochemistry*, Aveiro, Portugal, Book of Abstracts, 256
- Γ3.5 Giouri A., Papadopoulos A., **Bourliva A.**, Tzamos E. (2012) Trace element impurities in commercially available clays used as cosmetic products. *9<sup>th</sup> International Symposium on Environmental Geochemistry*, Aveiro, Portugal, Book of Abstracts, 227
- Γ3.6 Giouri K., Papadopoulos A., **Bourliva A.**, Tzamos E., Papadopoulou L., Ntounoglou K., Filippidis A. (2013) Enrichment of Pb, Se, As, U and Cs in commercial cosmetic clays. *Goldschmidt 2013*, Abstracts Volume, Mineralogical Magazine, 77(5), 1176.
- Γ3.7 **Bourliva A.**, Papadopoulou L. (2015) The presence of lead in urban road dust and the health risk via ingestion. 2<sup>nd</sup> Environmental Conference of Thessaly, Skiathos Island, Greece, e-Proceedings, 255 (in Greek)
- Γ3.8 **Bourliva A.**, Papadopoulou L., Aidona E., Giouri K., Vourlias G., Simeonidis K. (2016) Mineralogical and morphological characterization of technogenic

magnetic particles (TMPs) in heavily contaminated industrial soils. 32<sup>nd</sup> International SEGH Conference, Brussels, Belgium, Book of Abstracts, sciencesconf.org:segh-brussels:102173

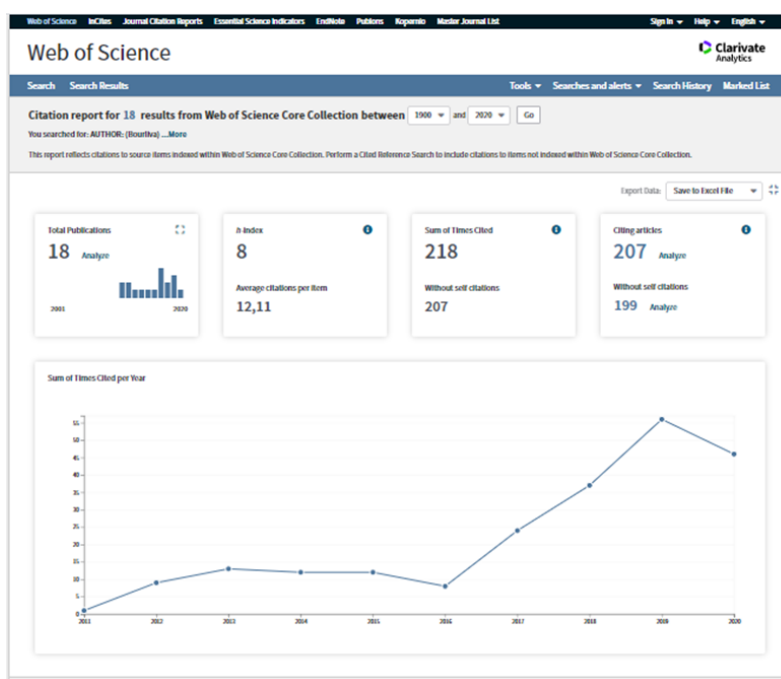
Γ3.9 **Bourliva A.**, Christophoridis C., Evgenakis E., Papadopoulou L., and Fytianos K. (2020) Evaluation of environmental risk based on geochemical fractionation of heavy metals in surface sediments from lakes in N. Greece. 7th Environmental Conference of Macedonia, Thessaloniki, Greece (submitted)

**9. ΑΝΑΓΝΩΡΙΣΗ ΕΠΙΣΤΗΜΟΝΙΚΟΥ ΕΡΓΟΥ-ΕΤΕΡΟΑΝΑΦΟΡΕΣ**

Βάση Αναζήτησης	<i>h</i> -index	Cited documents	Citations
<b>Scopus</b> Author ID: 39861049000	<b>10</b>	<b>20</b>	<b>Total: 295</b> Excluded self-citations of selected author: 280 Excluded self-citations of all authors: 262



<b>Web of Science</b> ResearcherID: C-8274-2014	<b>8</b>	<b>18</b>	<b>Total: 218</b> Without Self-Citations: 207
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<b>Google Scholar</b>	<b>10</b> i-10 Index:10		<b>Total: 401</b>
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<b>ΠΙΝΑΚΑΣ Ι. ΣΥΝΟΨΗ ΔΗΜΟΣΙΕΥΜΕΝΟΥ ΕΠΙΣΤΗΜΟΝΙΚΟΥ ΕΡΓΟΥ</b>				
	<b>Αριθμός Δημοσιεύσεων</b>	<b>1<sup>ος</sup> Συγγραφέας</b>	<b>Αυτοδυναμία<sup>α</sup></b>	<b>Σύνολο Ετεροαναφορών<sup>β</sup></b>
<b>Διατριβές</b>	<b>3</b>			
	A1-A3			
<b>Διεθνή Επιστημονικά Περιοδικά (με δείκτη απήχησης)</b>	<b>21</b>	<b>11/21</b>	<b>17/21</b>	<b>284</b>
	B1.1-B1.21	B1.4, B1.5, B1.7, B1.9, B1.10, B1.11, B1.12, B1.13, B1.14, B1.15, B1.19	B1.1, B1.2, B1.3, B1.6, B1.8, B1.9, B1.10, B1.11, B1.12, B1.13, B1.15, B1.16, B1.17, B1.18, B1.19, B1.20, B1.21	
<b>Διεθνή Επιστημονικά Περιοδικά (χωρίς δείκτη απήχησης)</b>	<b>5</b>	<b>4/5</b>	<b>2/5</b>	
	B2.1-B2.5	B2.1, B2.2, B2.3, B2.5	B2.4, B2.5	
<b>Επιστημονικές Επετηρίδες/Ειδικοί Τόμοι</b>	<b>2</b>	<b>2/2</b>	<b>2/2</b>	
	B3.1-B3.2	B3.1, B3.2	B3.1, B3.2	
<b>Πρακτικά Διεθνών Συνεδρίων</b>	<b>11</b>	<b>7/11</b>	<b>8/11</b>	<b>6</b>
	Γ1.1-Γ1.11	Γ1.1, Γ1.4, Γ1.6, Γ1.7, Γ1.8, Γ1.9, Γ1.10	Γ1.2, Γ1.3, Γ1.5, Γ1.6, Γ1.7, Γ1.9, Γ1.10, Γ1.11	
<b>Πρακτικά Εθνικών Συνεδρίων</b>	<b>6</b>	<b>5/6</b>	<b>3/6</b>	<b>10</b>
	Γ2.1-Γ2.6	Γ2.1, Γ2.2, Γ2.3, Γ2.4, Γ2.6	Γ2.2, Γ2.5, Γ2.6	
<b>Περιλήψεις/ Εκτεταμένες Περιλήψεις</b>	<b>8</b>	<b>7/9</b>	<b>7/9</b>	
	Γ3.1-Γ3.9	Γ3.1, Γ3.2, Γ3.3, Γ3.4, Γ3.7, Γ3.8, Γ3.9	Γ3.2, Γ3.3, Γ3.5, Γ3.6, Γ3.7, Γ3.8, Γ3.9	
<b>ΣΥΝΟΛΟ:</b>	<b>56</b>	<b>36/56</b>	<b>39/56</b>	<b>300</b>

<sup>α</sup>νοούνται οι δημοσιεύσεις στις οποίες ο υποψήφιος είναι ο κύριος ερευνητής ή ερευνητής σε δημοσίευση όπου δεν συμμετέχει ο επιβλέπων της διδακτορικής του διατριβής (περίπτ. δδ', παρ.1, άρθρο 9 του Ν.4521/2018)

<sup>β</sup> Τα πλήρη στοιχεία των ετεροαναφορών παρέχονται στο ΠΑΡΑΡΤΗΜΑ Α (Αναλυτική παράθεση ετεροαναφορών).

<b>ΠΙΝΑΚΑΣ ΙΙ: ΔΕΙΚΤΗΣ ΑΠΗΧΗΣΗΣ ΔΙΕΘΝΩΝ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΠΕΡΙΟΔΙΚΩΝ</b>			
<b>Επιστημονικό Περιοδικό</b>	<b>Δημοσίευση</b>	<b>Σύνολο Δημοσιεύσεων</b>	<b>Δείκτης Απήχησης (I.F. 2019)</b>
Advances in Applied Ceramics	B1.1	1	<b>1.669</b>
Science of the Total Environment	B1.2, B1.9, B1.15, B1.19, B1.21	5	<b>6.551</b>
Ceramics International	B1.3	1	<b>3.830</b>
Fresenius Environmental Bulletin	B1.4	1	<b>0.370</b>
Clay Minerals	B1.5, B1.14	2	<b>1.361</b>
International Journal of Applied Ceramic Technology	B1.6	1	<b>1.762</b>
Environmental Earth Sciences	B1.7	1	<b>2.180</b>
Environmental Geochemistry and Health	B1.10, B1.20	2	<b>3.472</b>
Environmental Science and Pollution Research	B1.11, B1.13	2	<b>3.056</b>
Geoderma	B1.12	1	<b>4.848</b>
Microchemical Journal	B1.17	1	<b>3.594</b>
Journal of Food Composition and Analysis	B1.18	1	<b>3.721</b>
Mineralogical Magazine	Γ3.6	1	<b>1.738</b>
	<b>ΣΥΝΟΛΟ:</b>	<b>20</b>	<b>3.612 (Μ.Ο.)</b>

## ΠΑΡΑΡΤΗΜΑ Α

### ΑΝΑΛΥΤΙΚΗ ΠΑΡΑΘΕΣΗ ΕΤΕΡΟΑΝΑΦΟΡΩΝ

B1.1 Bantsis G., Sikalidis C., Betsiou M., Yioultsis T., **Bourliva A.** (2011) Ceramic building materials for electromagnetic interference shielding using metallurgical slags. *Advances in Applied Ceramics*, 110 (4), 233-237. **(Σύνολο ετεροαναφορών =10)**

#### Ετεροαναφορές:

1. Coronado, M., Blanco, T., Quijorna, N., Alonso-Santurde, R., Andrés, A. (2014) Types of waste, properties and durability of toxic waste-based fired masonry bricks. *Eco-efficient Masonry Bricks and Blocks: Design, Properties and Durability*, pp. 129-188.
2. Coronado, M., Segadães, A.M., Andrés, A. (2015) Using mixture design of experiments to assess the environmental impact of clay-based structural ceramics containing foundry wastes. *Journal of Hazardous Materials*, 299, pp. 529-539.
3. González-Ortega, M.A., Segura, I., Cavalaro, S.H.P., Toralles-Carbonari, B., Aguado, A., Andrello, A.C. (2014) Radiological protection and mechanical properties of concretes with EAF steel slags. *Construction and Building Materials*, 51, pp. 432-438.
4. Karayannis, V.G., Karapanagioti, H.K., Domopoulou, A.E., Komilis, D.P. (2017) Stabilization/Solidification of Hazardous Metals from Solid Wastes into Ceramics. *Waste and Biomass Valorization*, 8 (5), pp. 1863-1874.
5. Karayannis, V.G., Moutsatsou, A.K., Baklavaridis, A.N., Katsika, E.L., Domopoulou, A.E. (2017) Synergistic Sintering of Lignite Fly Ash and Steelmaking Residues towards Sustainable Compacted Ceramics. *Advances in Materials Science and Engineering*, doi 10.1155/2017/1735268
6. Marinho, A.L.B., Mol Santos, C.M., de Carvalho, J.M.F., Mendes, J.C., Brigolini, G.J., Peixoto, R.A.F. (2017) Ladle furnace slag as binder for cement-based composites. *Journal of Materials in Civil Engineering*, 29 (11), doi 10.1061
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10. Quintana S., de Blas J. M., Peña J., Blanco J. (2018) Design and Operation of a Real-Scale Electromagnetic Shielding Evaluation System for Reinforced Composite Construction Materials. *Journal of Materials in Civil Engineering*, 30(8):

B1.2 Remoundaki E., **Bourliva A.**, Kokkalis P., Mamouri R.E., Papayannis A., Grigoratos T., Samara C., Tsezos M. (2011) PM10 composition during an intense Saharan dust transport event over Athens (Greece). *Science of the Total Environment*, 409 (20), 4361-4372. **(Σύνολο ετεροαναφορών = 40)**

#### Ετεροαναφορές:

11. Abiye, O.E., Price, A., Price, M. (2019) Biogenic and natural components of Saharan dust sampled in Nigeria. *Human and Ecological Risk Assessment: An International Journal*, DOI: 10.1080/10807039.2019.1628635
12. Aleksandropoulou, V., Lazaridis, M. (2013) Identification of the influence of African dust on PM10 concentrations at the Athens air quality monitoring network during the period 2001-2010. *Aerosol and Air Quality Research*, 13 (5), pp. 1492-1503.

13. Almeida-Silva, M., Almeida, S.M., Cardoso, J., Nunes, T., Reis, M.A., Chaves, P.C., Pio, C.A. (2014) Characterization of the aeolian aerosol from Cape Verde by k0-INAA and PIXE. *Journal of Radioanalytical and Nuclear Chemistry*, 300 (2), pp. 629-635.
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19. Borgie, M., Ledoux, F., Dagher, Z., Verdin, A., Cazier, F., Courcot, L., Shirali, P., Greige-Gerges, H., Courcot, D. (2016) Chemical characteristics of PM<sub>2.5-0.3</sub> and PM<sub>0.3</sub> and consequence of a dust storm episode at an urban site in Lebanon. *Atmospheric Research*, 180, pp. 274-286.
20. Caggiano, R., Calamita, G., Sabia, S., Trippetta, S. (2017) Biomonitoring of atmospheric pollution: a novel approach for the evaluation of natural and anthropogenic contribution to atmospheric aerosol particles. *Environmental Science and Pollution Research*, 24 (9), pp. 8578-8587.
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