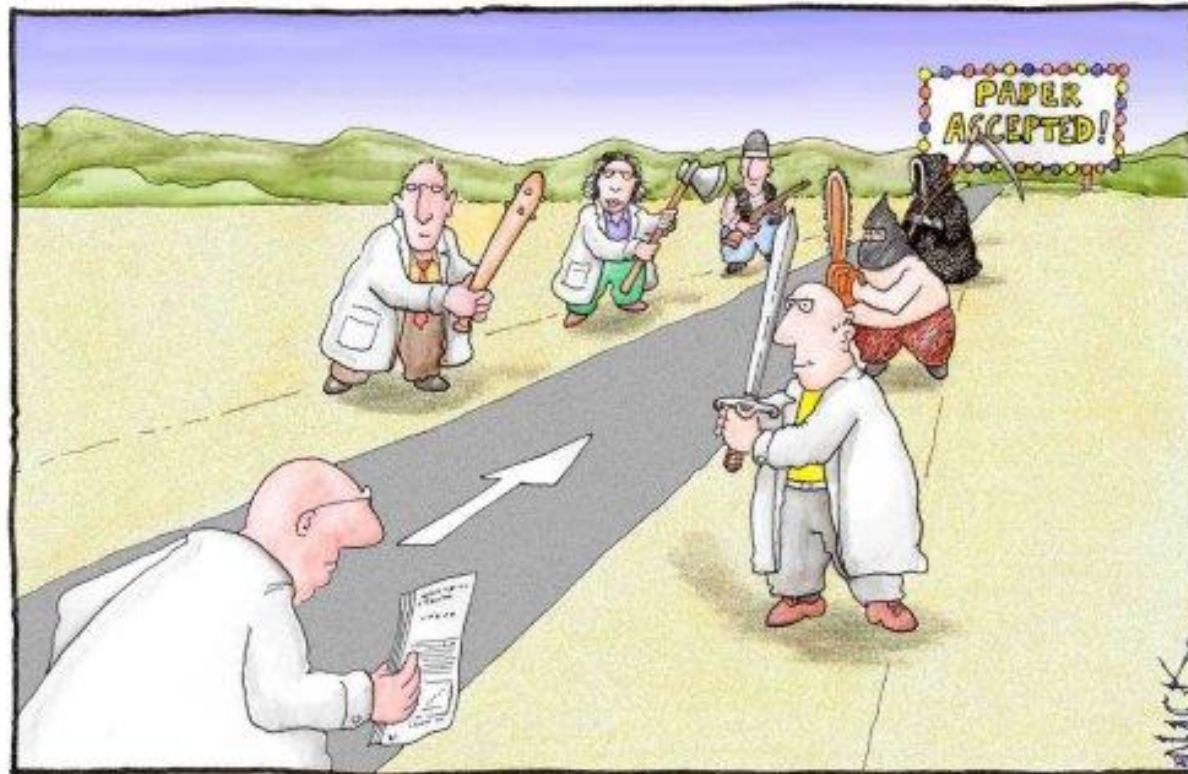




## Επιστημονικά άρθρα – Αναζήτηση και διαχείριση βιβλιογραφίας



Most scientists regarded the new streamlined peer-review process as 'quite an improvement.'

Στέλιος Κατσανεβάκης  
Μυτιλήνη 2025



## Περίγραμμα

- τι είναι τα επιστημονικά περιοδικά
- τύποι επιστημονικών άρθρων
- διαδικασία αξιολόγησης
- αναζήτηση επιστημονικών άρθρων
- διαχείριση βιβλιογραφίας



## scientific journal

- Τακτικά τεύχη
- Στόχος → προώθηση ενός ή περισσότερων επιστημονικών κλάδων
- Συνδρομητικό – ανοικτής πρόσβασης – υβριδικό
- Διάφορες κατηγορίες άρθρων (ερευνητικά άρθρα)
- Αξιολόγηση από κριτές





## Άσκηση: ελέγξτε τους τύπους άρθρων των περιοδικών

- Frontiers in Marine Science
- Ecology Letters
- Global Change Biology
- Mediterranean Marine Science

Για κάθε τύπο άρθρου, παρουσίασε στην τάξη:

- τις βασικές προϋποθέσεις
- το επιτρεπόμενο μήκος
- τα τέλη ανοικτής πρόσβασης (εφόσον υπάρχουν).



## Κύριοι τύποι άρθρων

- ερευνητικά άρθρα
- άρθρα γνώμης / απόψεις
- ανασκοπήσεις
- σχόλια
- σύντομες σημειώσεις / σύντομες ανακοινώσεις
- άρθρα μεθόδων



## Οδηγίες περιοδικού

- πρότυπο
- δομή
- περιορισμοί μήκους
- μορφοποίηση (γραμματοσειρές, περιθώρια, διάκενα κλπ)
- προδιαγραφές εικόνων
- μορφή βιβλιογραφικών αναφορών
- μέγεθος αρχείου
- διαδικασία υποβολής



Υποβολή άρθρου



ανάθεση σε επιμελητή



Είναι σχετικό με το περιοδικό?

όχι

ναι



απόρριψη χωρίς  
διαδικασία αξιολόγησης  
(peer-review)



Αποστολή σε 2-3 κριτές



Οι κριτές υποβάλλουν τις  
αξιολογήσεις τους



Απόφαση από τον επιμελητή



## Possible editor decisions

Αποδοχή ως έχει (σπάνιο)



Αποδοχή μετά από μικρές διορθώσεις

Σημαντικές διορθώσεις (χρειάζονται σημαντικές αλλαγές, πιθανά νέες αναλύσεις– συνήθως το αναθεωρημένο άρθρο θα σταλεί ξανά για αξιολόγηση)

Απόρριψη (αλλά οι συγγραφείς ενθαρλυνονται να το ξανα-υποβάλουν μετά από σημαντικές βελτιώσεις)

Απόρριψη







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## Ecoregion-Based Conservation Planning in the Mediterranean: Dealing with Large-Scale Heterogeneity

Sylvaine Giakoumi<sup>1,2\*</sup>, Maria Sini<sup>3</sup>, Vasilis Gerovasileiou<sup>4</sup>, Tessa Mazor<sup>2</sup>, Jutta Beher<sup>2</sup>, Hugh P. Possingham<sup>2</sup>, Ameer Abdulla<sup>2,5</sup>, Melih Ertan Çınar<sup>6</sup>, Panagiotis Dendrinis<sup>7</sup>, Ali Cemal Gucu<sup>8</sup>, Alexandros A. Karamanlidis<sup>7</sup>, Petra Rodic<sup>9</sup>, Panayotis Panayotidis<sup>10</sup>, Ergun Taskin<sup>11</sup>, Andrej Jaklin<sup>12</sup>, Eleni Voultsiadou<sup>4</sup>, Chloë Webster<sup>13</sup>, Argyro Zenetos<sup>1</sup>, Stelios Katsanevakis<sup>14</sup>

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### Abstract

Spatial priorities for the conservation of three key Mediterranean habitats, i.e. seagrass *Posidonia oceanica* meadows, coralligenous formations, and marine caves, were determined through a systematic planning approach. Available information on the distribution of these habitats across the entire Mediterranean Sea was compiled to produce basin-scale distribution maps. Conservation targets for each habitat type were set according to European Union guidelines. Surrogates were used to estimate the spatial variation of opportunity cost for commercial, non-commercial fishing, and aquaculture. Maran conservation planning software was used to evaluate the comparative utility of two planning scenarios: (a) a whole-basin scenario, referring to selection of priority areas across the whole Mediterranean Sea, and (b) an ecoregional scenario, in which priority areas were selected within eight predefined ecoregions. Although both scenarios required approximately the same total area to be protected in order to achieve conservation targets, the opportunity cost differed between them. The whole-basin scenario yielded a lower opportunity cost, but the Alboran Sea ecoregion was not represented and priority areas were predominantly located in the Ionian, Aegean, and Adriatic Seas. In comparison, the ecoregional scenario resulted in a higher representation of ecoregions and a more even distribution of priority areas, albeit with a higher opportunity cost. We suggest that planning at the ecoregional level ensures better representativeness of the selected conservation features and adequate protection of species, functional, and genetic diversity across the basin. While there are several initiatives that identify priority areas in the Mediterranean Sea, our approach is novel as it combines three issues: (a) it is based on the distribution of habitats and not species, which was rarely the case in previous efforts, (b) it considers spatial variability of cost throughout this socioeconomically heterogeneous basin, and (c) it adopts ecoregions as the most appropriate level for large-scale planning.

**Citation:** Giakoumi S, Sini M, Gerovasileiou V, Mazor T, Beher J, et al. (2013) Ecoregion-Based Conservation Planning in the Mediterranean: Dealing with Large-Scale Heterogeneity. PLoS ONE 8(10): e76449. doi:10.1371/journal.pone.0076449

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### Introduction

Understanding the distribution of marine organisms and processes is of great importance for marine conservation planning [1]. Obtaining detailed information for all species is time consuming and costly, thus practically impossible when time or resources are limited. To address this challenge, physical data or higher-taxon approaches (e.g., identification to genera or families) have often been used as surrogates for the distribution of species richness [2,3]. Using habitat surrogates can be a cost-effective

method for the identification of priority areas for conservation in coastal ecosystems [4]. In the last decades the use of habitat surrogates in spatial prioritization has been applied both at a local and regional scale for marine systems (e.g., [5,6]). However, in the Mediterranean Sea most prioritization initiatives have been based on the distribution of large predators, commercial or flagship species (e.g., marine mammals, sea birds) failing to adequately represent a large number of species with different distribution patterns [7]. The utility of umbrella and flagship species as

## Συνήθης δομή

## Περίληψη

## Εισαγωγή

## Υλικά και μέθοδοι

## Αποτελέσματα

## Συζήτηση

## Βιβλιογραφία



## Άσκηση: ελέγξτε τη δομή διαφορετικών τύπων άρθρων

έλεγξε τη δομή διαφόρων τύπων άρθρων στα πιο πρόσφατα τεύχη των ακόλουθων περιοδικών

- Frontiers in Marine Science
- Ecology Letters
- Global Change Biology
- Mediterranean Marine Science



# Αξιολόγηση περιοδικών

## Impact Factor



$$IF = \frac{\text{αριθμός αναφορών σε συγκεκριμένο έτος σε άρθρα των δύο προηγούμενων ετών}}{\text{αριθμός δημοσιευμένων άρθρων στα δύο προηγούμενα έτη}}$$



## Άσκηση: επιλογή περιοδικών με βάση το impact factor

Υπόθεσε ότι θα ήθελες να υποβάλεις ένα άρθρο σε ένα από τα ακόλουθα περιοδικά. Αν μοναδικό σου κριτήριο ήταν ο Συντελεστής Απήχησης, ποιο θα επέλεγες;

- Frontiers in Marine Science
- Ecology Letters
- Global Change Biology
- Mediterranean Marine Science
- Nature Communications
- Marine Biology
- Marine Ecology Progress Series
- Science of the Total Environment



## Αναζήτηση άρθρων σε διαδικτυακές βάσεις δεδομένων

- Web of Science
- Scopus
- Εκδότες (π.χ. Springer, Elsevier)
- Σελίδες περιοδικών
- scholar.google



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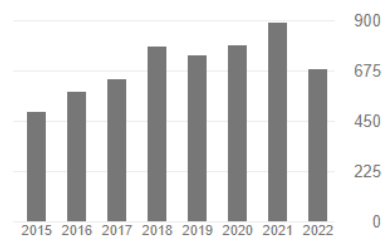
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## Long-term and spillover effects of a marine protected area on an exploited fish community

Ben Stobart<sup>1,\*</sup>, Richard Warwick<sup>2</sup>, César González<sup>1</sup>, Sandra Mallol<sup>1</sup>, David Díaz<sup>1</sup>,  
Olga Reñones<sup>1</sup>, Raquel Goñi<sup>1</sup>

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**ABSTRACT:** We assessed the development of the exploited fish community inside and around the Columbretes Islands Marine Reserve (CIMR), a marine protected area (MPA), 8 to 16 yr after fishing ceased in the reserve. Sampling was by annual lobster trammel net fishing, an experimental technique used inside the CIMR, and on-board commercial operations in adjacent fishing grounds. We examined trends in combined fish abundance and biomass (catch per unit effort), species richness and diversity, size structure, trophic level and species composition of the community. Our results showed the CIMR fish community continued to change throughout the study period as (1) abundance and biomass increased, (2) mean body size and trophic level increased and (3) species composition changed according to a linear model. Relative to nearby fished areas the CIMR fish community had (1) higher abundance and biomass, (2) lower species diversity and higher taxonomic distinctness, (3) larger relative body size and (4) no difference in mean trophic level. We found clear evidence of spillover of fish from the CIMR to the adjacent fishery as commercial fish yields at the MPA border (<0.5 km from the boundary) increased continuously during the study period, despite being locally depleted due to fishing effort concentration (fishing the line). Furthermore, fish size and diversity at the border were intermediate between the CIMR and other fished zones, suggesting that this is a transitional zone influenced by this MPA. Our results show that changes in community abundance, biomass, size structure and species composition provide a clear and interpretable view of MPA recovery. Diversity indices are also useful; however, their interpretation is more difficult. We conclude that the creation of the CIMR has had a positive effect on the exploitable fish community and that there is evidence of exportation of biomass to the surrounding fishery. We highlight the advantage of using multiple community metrics to study changes in fish communities, yet recommend the need for caution when interpreting them.

**KEY WORDS:** Marine protected area · Fish community development · Spillover · Biomass · Diversity · Size spectra · Trophic level · Artisanal fishery · Mediterranean Sea



**Άσκηση:** χρησιμοποίησε το Google Scholar για να αναζητήσεις επιστημονικά άρθρα

- αναζήτησε ανασκοπήσεις σχετικά με την επίδραση των Θαλάσσιων Προστατευόμενων Περιοχών στις ιχθυοκοινωνίες
- πόσα άρθρα βρίσκεις;



## ανάκτηση πλήρων κειμένων άρθρων

- τα άρθρα ανοικτής πρόσβασης μπορούν να ληφθούν από το scholar.google
- άρθρα χωρίς ανοικτή πρόσβαση → μέσω του δικτύου του Πανεπιστημίου (εφόσον υπάρχει συνδρομή)
- αν δεν υπάρχει συνδρομή σε συγκεκριμένο περιοδικό→
  - επικοινωνούμε με τους συγγραφείς
  - μέσω συναδέλφων από άλλο ίδρυμα
  - το αγοράζουμε



# Διαχείριση Βιβλιογραφίας στις Πτυχιακές Εργασίες



# Γιατί είναι σημαντική η σωστή βιβλιογραφία;

- Τεκμηριώνει τα επιχειρήματα
- Αναγνωρίζει προηγούμενη έρευνα
- Αποφεύγει την λογοκλοπή
- Βοηθά στην αναπαραγωγιμότητα της έρευνας







# Αναφορές εντός κειμένου

- Συνήθως ακολουθούμε το σύστημα APA ή Harvard
- Παράδειγμα: (Smith, 2020) ή Smith (2020)
- Για δύο συγγραφείς: (Smith & Jones, 2021)
- Για τρεις ή περισσότερους: (Smith et al., 2019)







# Δημιουργία βιβλιογραφικής λίστας

- Περιλαμβάνει όλες τις πηγές που αναφέρονται στο κείμενο
- Ταξινόμηση αλφαβητικά βάσει επωνύμου πρώτου συγγραφέα
- Πλήρη στοιχεία: συγγραφείς, έτος, τίτλος, περιοδικό/εκδότης, DOI.





# Παραδείγματα μορφοποίησης βιβλιογραφίας (APA)

- Άρθρο περιοδικού:
- Smith, J., & Jones, A. (2020). Title of article. Journal Name, 15(2), 100–110.  
<https://doi.org/xxx>
- Βιβλίο:
- Brown, L. (2018). Book Title. Publisher.



# Καλές πρακτικές

- Καταγράφετε τις πηγές καθώς γράφετε
- Χρησιμοποιείτε αξιόπιστα επιστημονικά άρθρα
- Αποφεύγετε μη τεκμηριωμένες πηγές
- Ελέγχετε τη μορφοποίηση πριν την κατάθεση





## **Εργασία:** χρησιμοποίησε τα Web of Science, Scopus και Google Scholar για να αναζητήσεις επιστημονικά άρθρα

- αναζήτησε ανασκοπήσεις σχετικά με την επίδραση των Θαλάσσιων Προστατευόμενων Περιοχών στις ιχθυοκοινωνίες από όλες τις παραπάνω μηχανές αναζήτησης
- σύνταξε έναν κατάλογο όλων των σχετικών άρθρων (αφαιρώντας τα διπλότυπα)
- δημιούργησε ένα pie chart με τη χώρα στην οποία ανήκει ο πρώτος συγγραφέας
- δημιούργησε ένα γράφημα με τον αριθμό των σχετικών άρθρων ανά έτος
- δομή έκθεσης: σκοπός, μέθοδοι, αποτελέσματα & συζήτηση, παράρτημα (το οποίο περιλαμβάνει τον πλήρη κατάλογο των σχετικών άρθρων σε μορφή βιβλιογραφικών αναφορών με ενιαία μορφοποίηση)