

IDENTIFICATION: Records identified through database searching in ISI web of knowledge:
("urban ecology" or "urban environment*") and (coast* or marine)
(n= 605)

SCREENING: Records screened
(n=570)

SCREENING: Records excluded
(n=35)

**URBAN
CENTERS**

Is the research developed in a
city or no more than 10 Km
from a city?

No

Is the research in a growing
urban area or no more than 10
Km from that area?

No

Yes

Yes

**COASTAL
STUDIES**

Is the research
developed in a coastal
area?

No

Is the research partially
developed in a coastal
area ?

No

Yes

Yes

Is the research evaluating any coastal
environmental factor as humidity,
salinity or ocean winds?

No

Is the research evaluating
interactions between terrestrial
and marine environments?

No

Yes

Yes

ELIGIBILITY: Full-text articles assessed for eligibility
(n=237)

**ELIGIBILITY: Full-text
articles excluded, with reasons**
(n=333)

Coastal urban ecology

**INCLUDED: Studies included in
quantitative analysis (n=187)
and qualitative analysis (n=50)**

Does the research
include the effects
over species,
populations,
communities or
environments?

No

Does the research
include people's
perceptions or effects
over human
populations?

No

Does the research
include urban
planning or
environmental/
social policies?

No

Yes

Yes

Yes

Ecology studies

Socio-ecological studies

Planning and policies

**Coastal urban ecology
in the city
(n=143)**

**Coastal urban ecology
of the city
(n= 48)**

**Coastal urban ecology
for the city
(n=46)**