

BUONE PRATICHE DI MITIGAZIONE DEGLI EFFETTI DEL CAMBIAMENTO CLIMATICO SULL'AMBIENTE COSTRUITO// GOOD PRACTICES OF MITIGATION OF CLIMATE CHANGE EFFECT ON THE BUILT ENVIRONMENT

PROGETTO DI RICERCA / RESEARCH PROJECT

La ricerca si propone di costituire un repertorio di buone pratiche adottate in ambito internazionale per mitigare gli effetti del cambiamento climatico sull'ambiente costruito e per incrementarne la resilienza, a tutte le scale. Gli edifici e i loro aggregati, gli spazi scoperti circostanti, i comparti insediativi urbani e periurbani costituiscono i principali ambiti da indagare.

Gli obiettivi della ricerca sono:

- mappare le azioni più rilevanti intraprese nell'arco dell'ultimo decennio da soggetti sia pubblici che privati,
- classificarle per scala e oggetto di intervento e per strategia adottata;
- ricavarne informazioni sugli indicatori utilizzati sia per stimarne l'efficacia attesa, sia per valutare i risultati prodotti dall'applicazione delle misure individuate.

La letteratura scientifica e i documenti prodotti da Organizzazioni internazionali attive nella ricerca sulle tematiche del cambiamento climatico costituiscono le principali fonti da investigare. I criteri con cui selezionare i casi rilevanti sono da determinare nell'ambito della ricerca, così come gli indicatori di prestazione utilizzati per valutare gli effetti degli interventi.

I risultati attesi consistono nella restituzione sistematica degli esiti delle indagini condotte, in particolare:

- il repertorio dei casi rilevanti reperiti, documentati dettagliatamente e classificati;
- l'elenco delle fonti consultate, i criteri di selezione adottati per individuare i casi rilevanti, i parametri di classificazione tramite i quali i casi sono stati caratterizzati;
- l'elenco degli indicatori di efficacia ricavati dall'analisi dei casi e dallo studio della letteratura.

The research aims at establishing a repertoire of internationally adopted best practices aiming at both mitigating the effects of climate change on the built environment and increasing its resilience, at all scales. The buildings and their aggregates, the surrounding open spaces, the urban and peri-urban settlements are the main areas to be investigated.

The research objectives are:

- to map the most relevant actions undertaken to increase the built environment urban resilience by both public and private subjects over the last decade;
- to classify them by the scale and object of intervention and by the adopted strategy;
- to seek for information on the indicators used both to estimate the expected effectiveness and to evaluate the results produced by the application of the identified measures.

The main sources to be investigated are the scientific literature and the documents produced by international organizations active in research on climate change issues.

The criteria by which the relevant cases are selected will be determined within the research, as well as the performance indicators used to evaluate the effects of the interventions.

The expected results of the research activity are:

- a repertoire of the detected best practices and related case studies classified and reported in detail;
- a list of the examined sources, specifying the criteria adopted to select and identify the relevant case studies, the classification methodology and parameters adopted for categorization purposes;
- a list of indicators to measure the effectiveness of the different strategies, based on the outcome of the literature and case studies screening.

These are expected to be systematically analysed and organized within a clear and logic structure.

PIANO DELLE ATTIVITÀ / ACTIVITY PLAN

Le attività da svolgere per realizzare il progetto di ricerca sono articolate in quattro fasi successive:

- FASE 1: identificazione delle fonti, raccolta delle informazioni sui casi, formazione di una bibliografia ragionata sul tema (da M1 M 4);
- FASE 2: definizione e applicazione dei criteri di selezione e dei parametri di classificazione e organizzazione del repertorio (da M5 a M 8);
- FASE 3: individuazione degli indicatori di efficacia (da m 9 a M 11)
- FASE 4: redazione del rapporto conclusivo (M 12).

The activities to be carried out to perform the research project are developed in four phases:

- PHASE 1: identification of the sources, collection of information on the cases, formation of an annotated bibliography on the subject (from M1 to M4);
- PHASE 2: definition and application of both the selection criteria and the classification parameters; organization of the repertoire (from M5 to M8);
- PHASE 3: identification of the indicators of effectiveness (from M9 to M11)
- PHASE 4: drafting of the final report (M12).

GOOD PRACTICES OF MITIGATION OF CLIMATE CHANGE EFFECT ON THE BUILT ENVIRONMENT

RESEARCH PROJECT

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