Steps	1. Cost data	2. Spatialisation	3. Cost model	
Databases	InvaCost	WorldClim: Bioclimatic EarthEnv & Chelsa: Topographic The Global Roads: Anthropogenic GBIF: Species presences Seebens et al. 2017: First record of invasion Briski et al. 2024: Locations of invasions	World bank (GDP, Pop size and % Agric. Area)	
Variables X	13,553 costs 954 species 175 countries	Bioclimatic Species presences Topographic Time since first Antropogenic invasion variables Lag phase	GDP Pop size % Agric. area Area suitability per country Sa	
	_	Locations of invasion	Costs	
Process	Filtering steps: High reliable Observed data Country-level Species-specific	SDM per species (GAM + MaxENT) Area suitability (Sa): Eq.1 Logistic function lag phase (b2) Time since invasion (t)	Model selection (ratio-scalar + GLMM)	Extrapolated costs
Output	162 species	Species area suitability in the invaded range Sij Area suitability per country Sa		