

Ecologia Urbana

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Cronograma

- 15 semanas aula + 1 (avaliação optativa)
- Semana que vem não teremos aula
 - Estarei em disciplina de pós
 - Vão começar coleta de dados para projeto final com Gabriel Tirintan (estagiário docência)
- Semana da biologia, 27/09
 - O que fazer?
- Feriados
 - “semana do saco cheio”, 11/10
 - 15/11

Projeto final da disciplina



- Coletar e analisar dados de projeto de ciência cidadã
 - iNaturalist
- Gabriel Tirintan, aluno mestrado PPGEC -> estagiário docência
- Sexta que vem Alunos vão começar a coletar dados para projeto junto com Gabriel

Apresentação de artigos em grupo

- Vamos passar em breve a lista de artigos e sorteá-los entre os grupos

Cronograma da disciplina

- Aula 1 (02/08)
- OUT - Apresentação de artigos, divisão de grupos
- NOV – Apresentação do trabalho

O que é uma cidade?



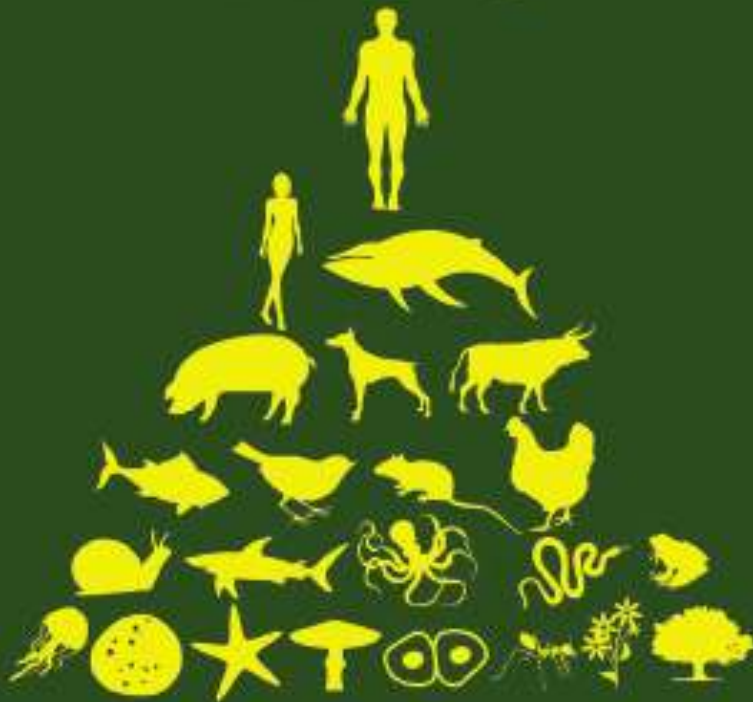
O que é uma cidade?

- Pensamos que para estudar ecologia e/ou evolução precisamos “ir pra campo” num lugar longe da cidade e encontrar lugares “prístinos”

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- Pensamos que para estudar ecologia e/ou evolução precisamos “ir pra campo” num lugar longe da cidade e encontrar lugares “prístinos”
- Homem é parte da natureza!

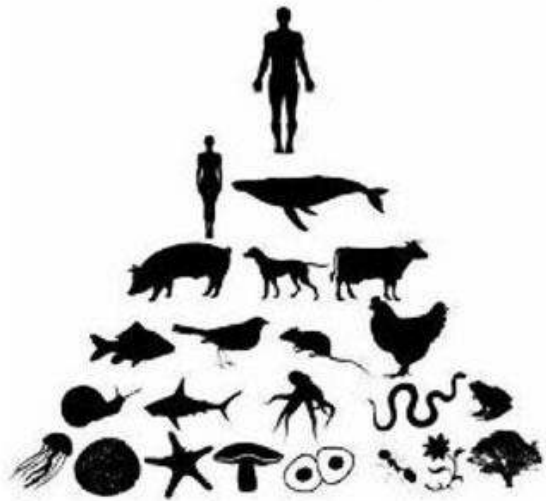
EGO



ECO



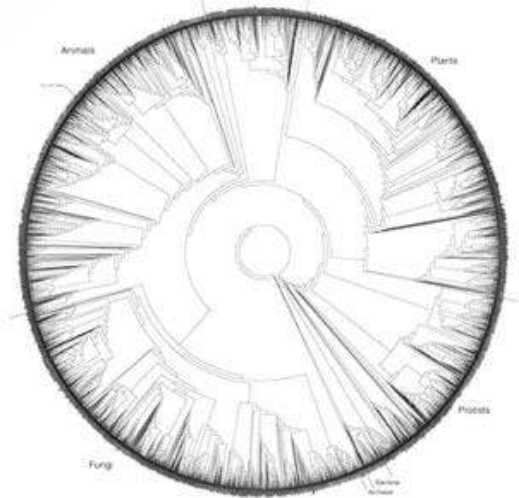
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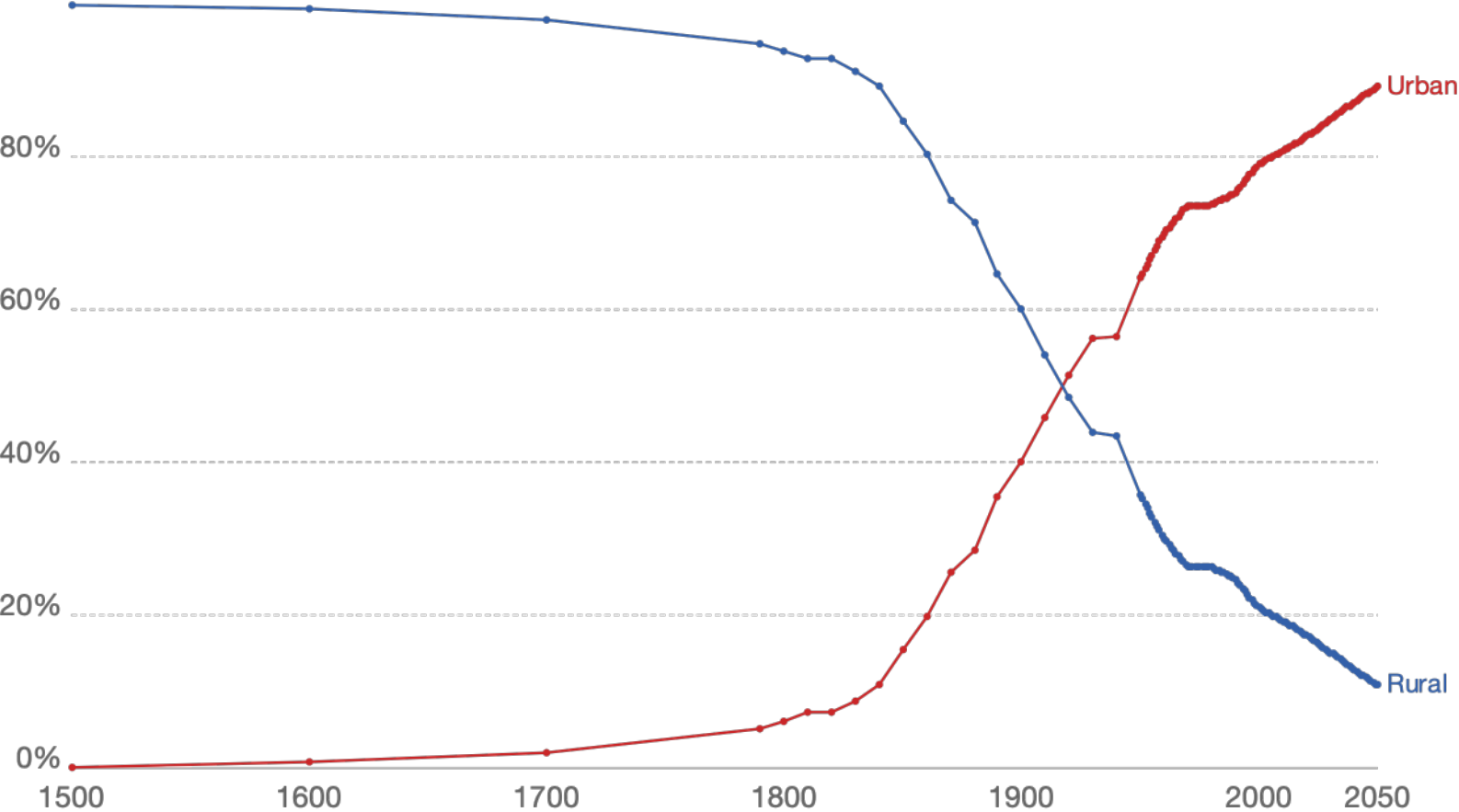


EVO



Do more people live in urban or rural areas?, United States

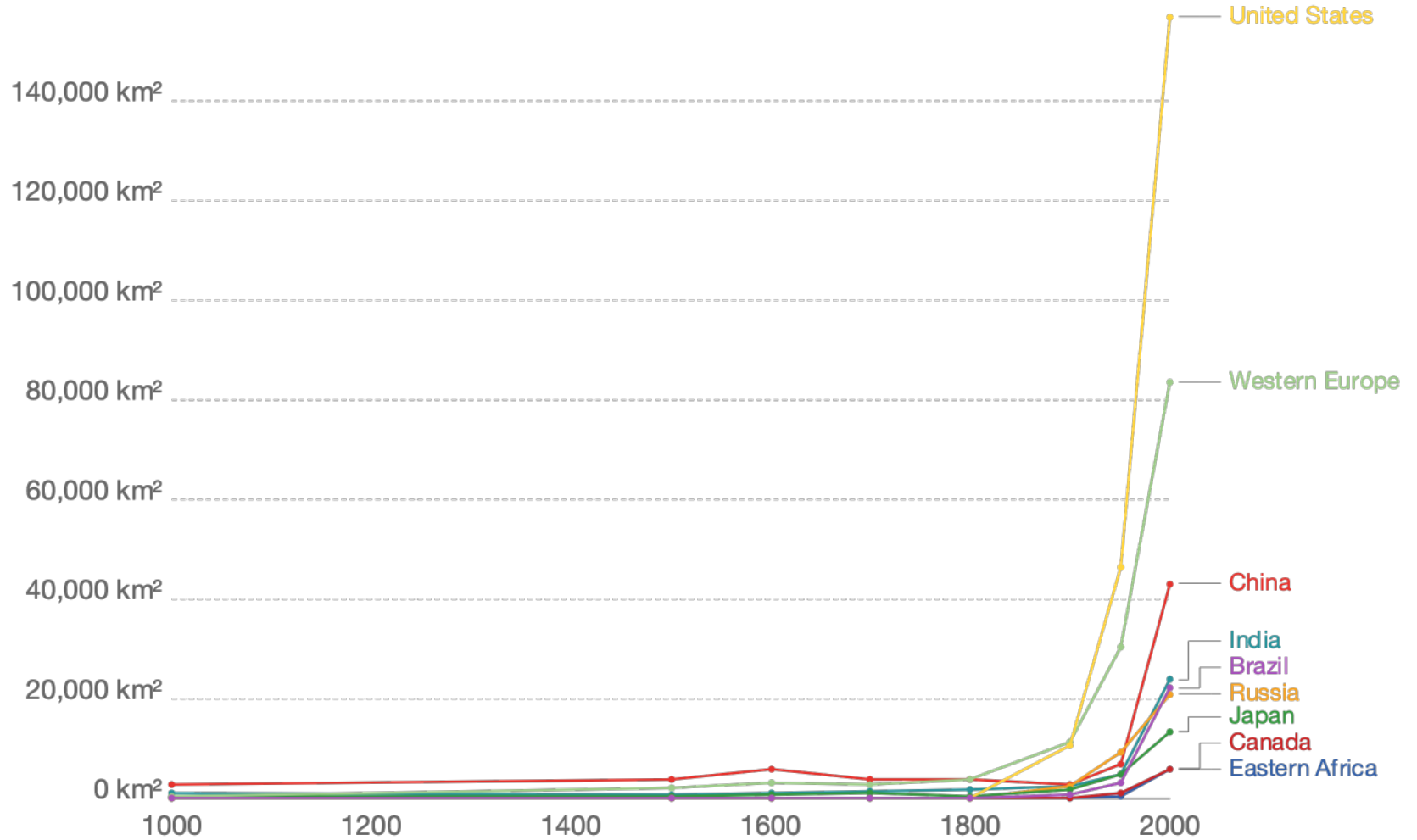
Share of the population which live in urban versus rural areas. Here, 'majority urban' indicates more than 50 percent of the population live in urban centres; 'majority rural' indicates less than 50 percent. Urban populations are defined based on the definition of urban areas by national statistical offices. This is based on estimates to 2016, combined with UN projections to 2050.



Source: OWID based on UN World Urbanization Prospects (2018) & Historical Sources (see Sources tab)

Urban area over the long-term

Estimated urban area by region or country, measured in square kilometres (km²).

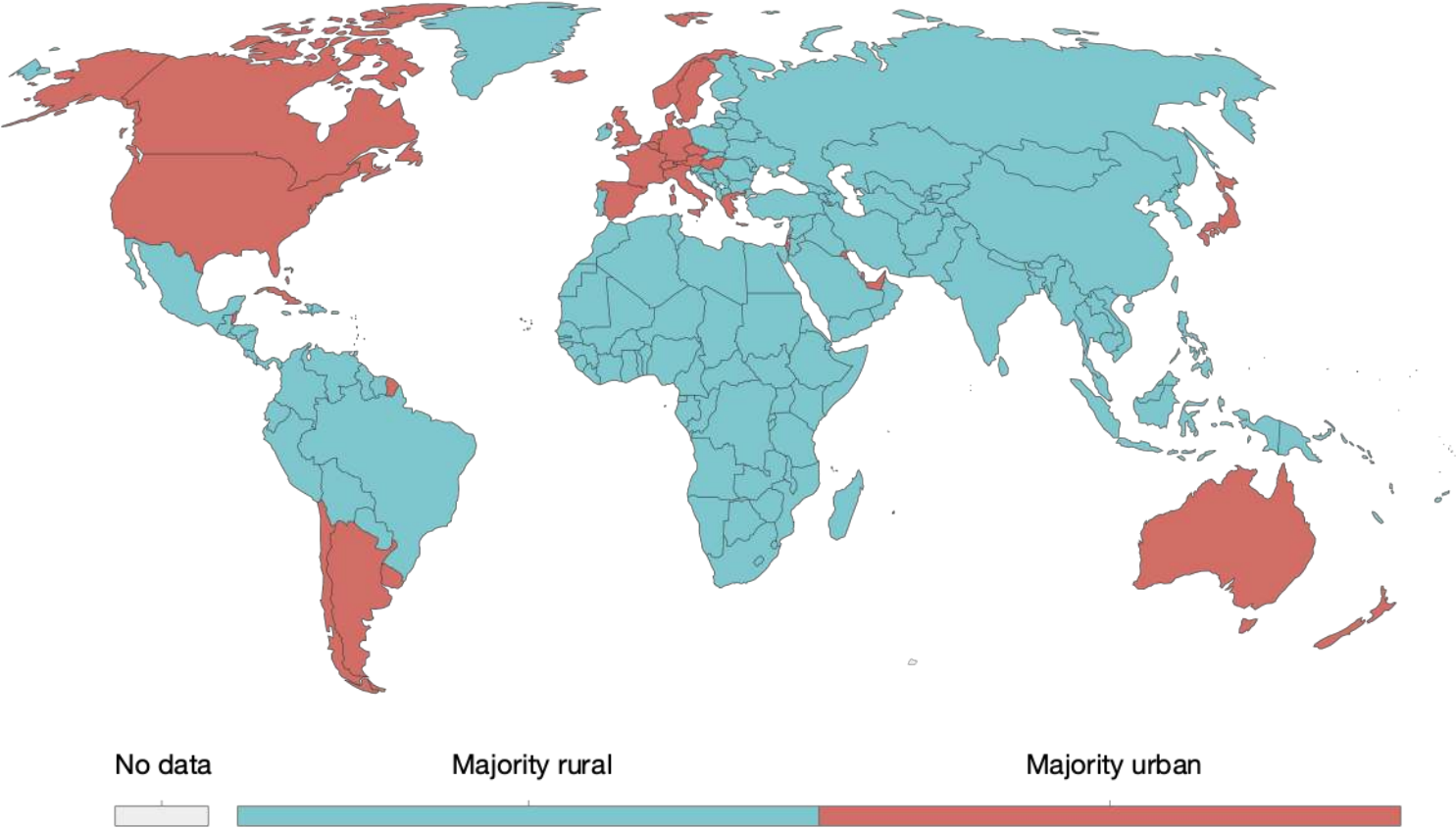


Source: HYDE 3.1 (2010)

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Do more people live in urban or rural areas?, 1950

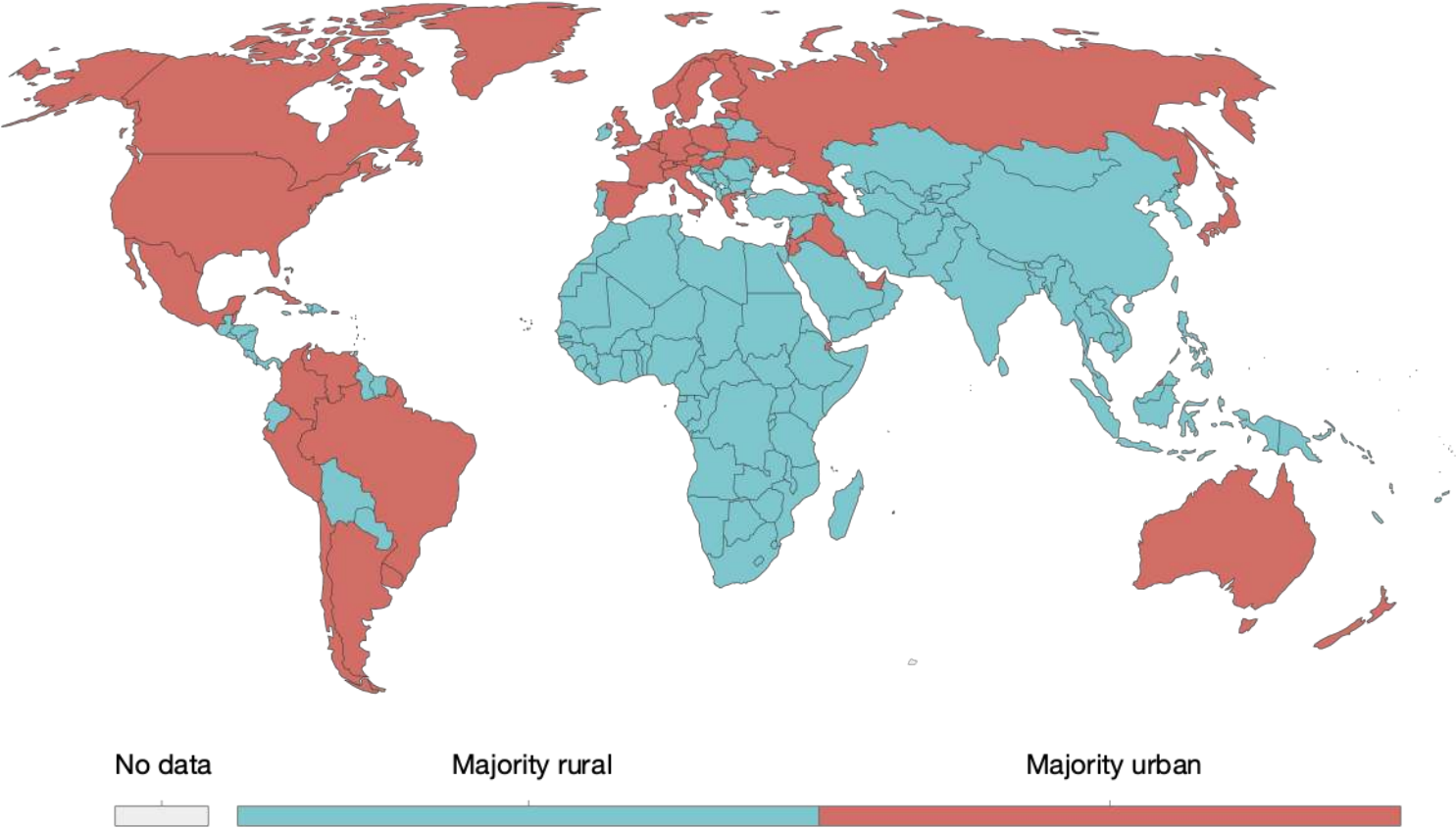
Share of the population which live in urban versus rural areas. Here, 'majority urban' indicates more than 50 percent of the population live in urban centres; 'majority rural' indicates less than 50 percent. Urban populations are defined based on the definition of urban areas by national statistical offices. This is based on estimates to 2016, combined with UN projections to 2050.



Source: OWID based on UN World Urbanization Prospects (2018) & Historical Sources (see Sources tab)

Do more people live in urban or rural areas?, 1965

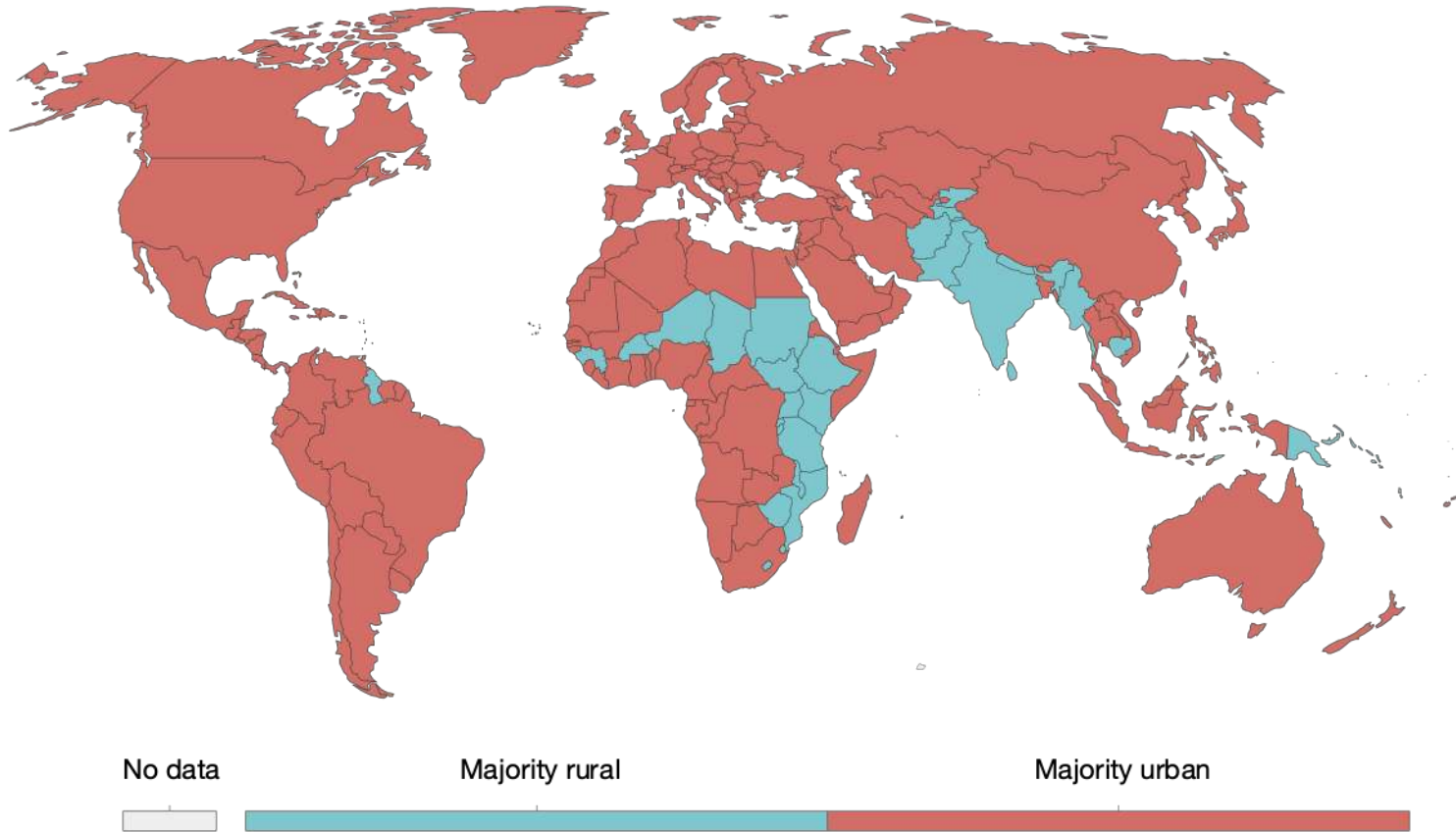
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Source: OWID based on UN World Urbanization Prospects (2018) & Historical Sources (see Sources tab)

Do more people live in urban or rural areas?, 2041

Share of the population which live in urban versus rural areas. Here, 'majority urban' indicates more than 50 percent of the population live in urban centres; 'majority rural' indicates less than 50 percent. Urban populations are defined based on the definition of urban areas by national statistical offices. This is based on estimates to 2016, combined with UN projections to 2050.

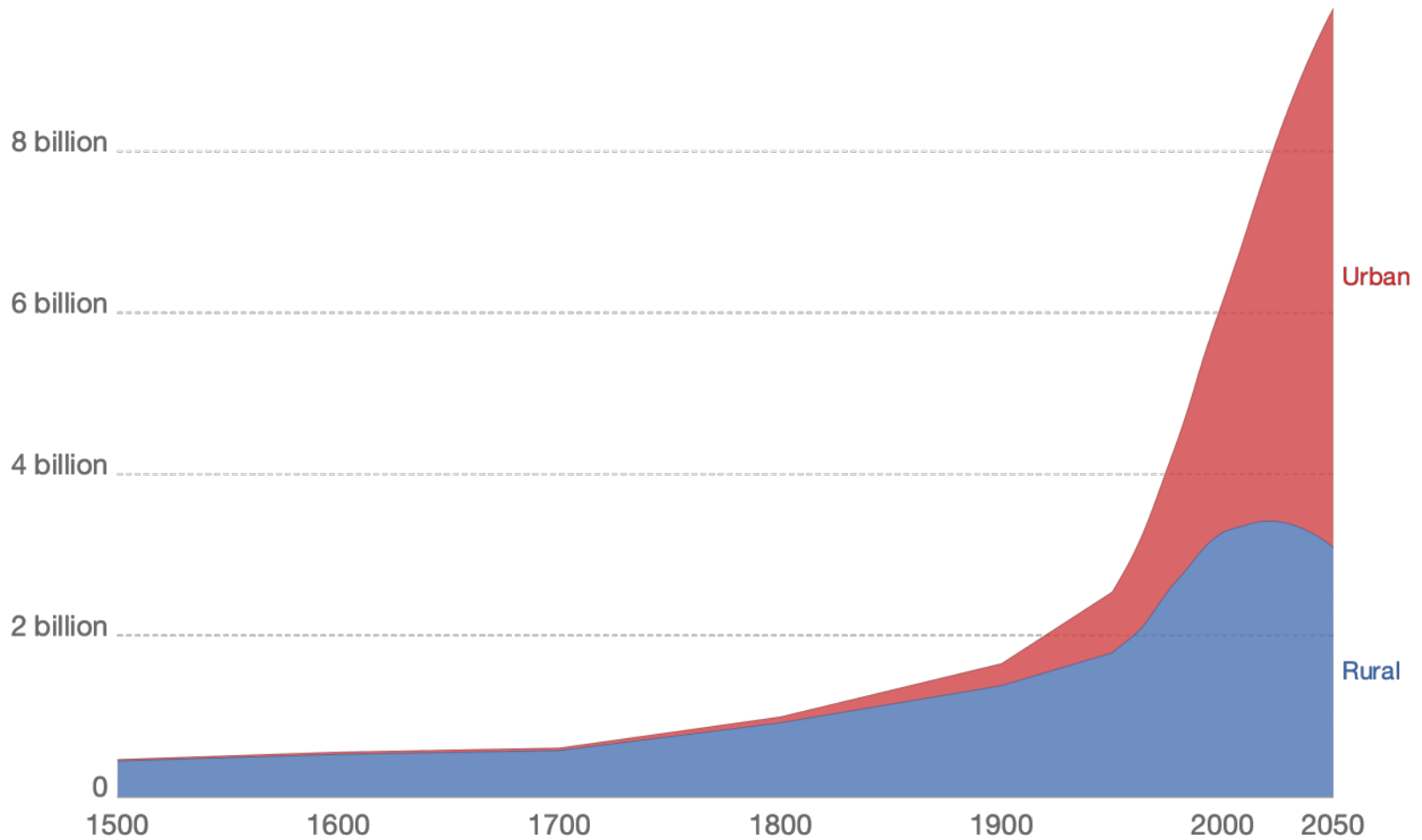


Source: OWID based on UN World Urbanization Prospects (2018) & Historical Sources (see Sources tab)

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Urban and rural population projected to 2050, World

Total urban and rural population, given as estimates to 2016, and UN projections to 2050. Projections are based on the UN World Urbanization Prospects and its median fertility scenario.



Source: OWID based on UN World Urbanization Prospects 2018 and historical sources (see Sources)

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URBAN PLANET

Knowledge Towards Sustainable Cities



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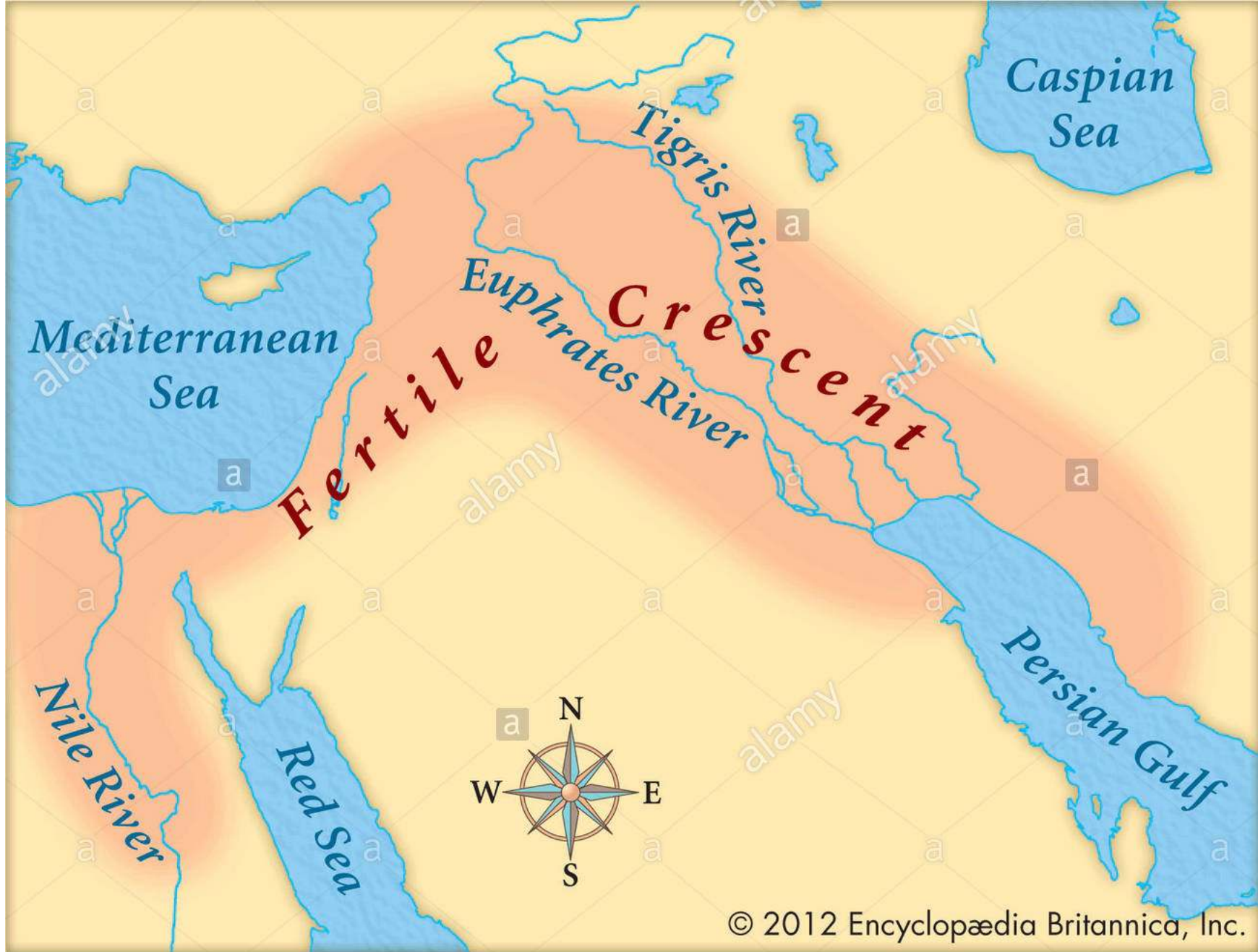
THOMAS ELMQVIST • XUEMEI BAI
NIKI FRANTZESKAKI • CORRIE GRIFFITH
DAVID MADDOX • TIMON MCPHEARSON
SUSAN PARNELL • PATRICIA ROMERO-LANKAO
DAVID SIMON • MARK WATKINS

Porque as pessoas vêm morar em cidades?

- Melhores condições de vida
 - Acesso à eletricidade
 - Saneamento básico
 - Oportunidades emprego

Como cidades surgiram?

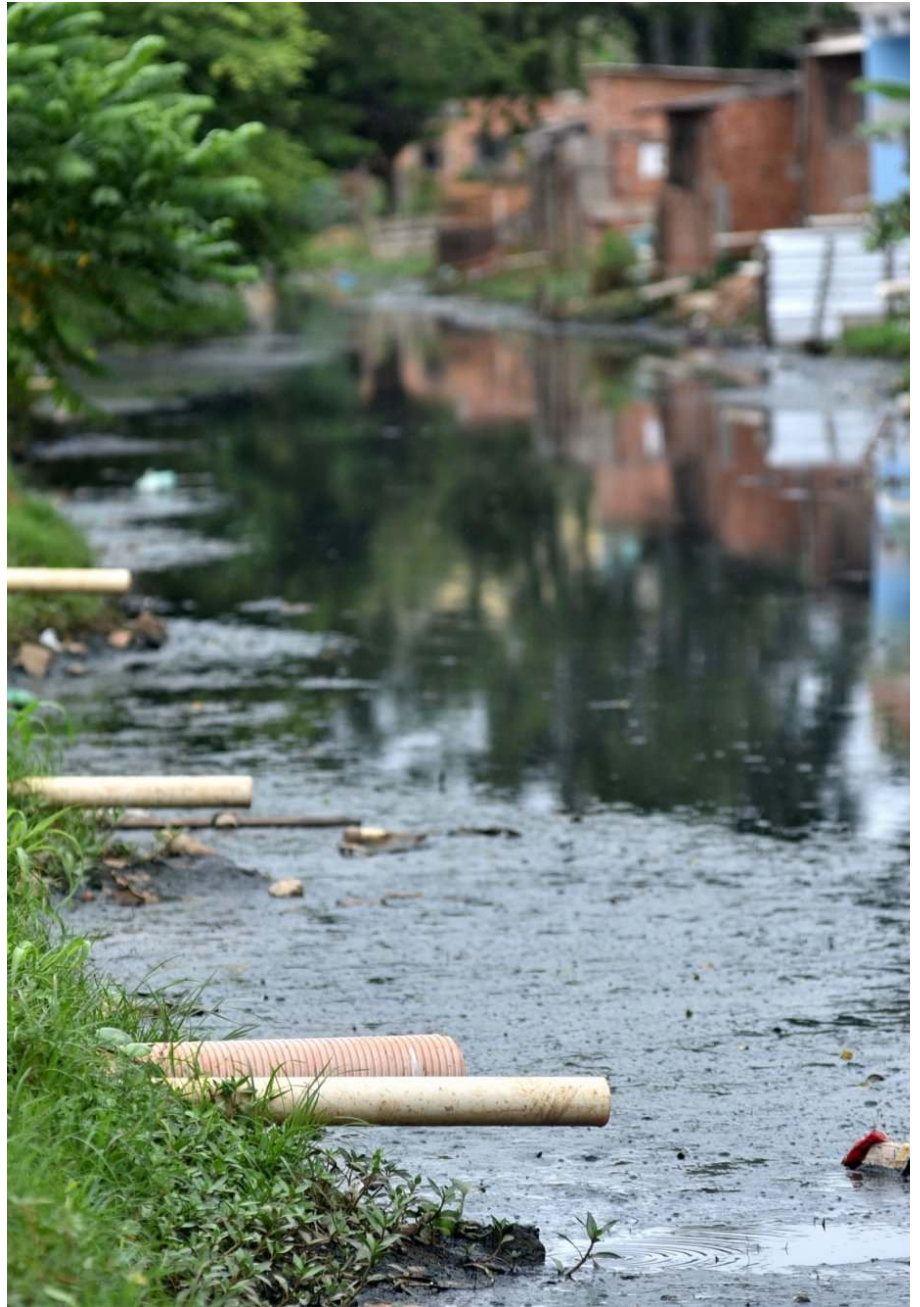
- “Crescente fértil”
- Primeiros impérios
 - Babilônia
 - Assíria
 - Egito
- Perto de locais produtivos, rios, estuários etc





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Novos desafios!

Qual futuro queremos?



 Infiltração no solo

 Escoamento para a linha de água



a) Área Florestal



b) Área Residencial



c) Área Urbana





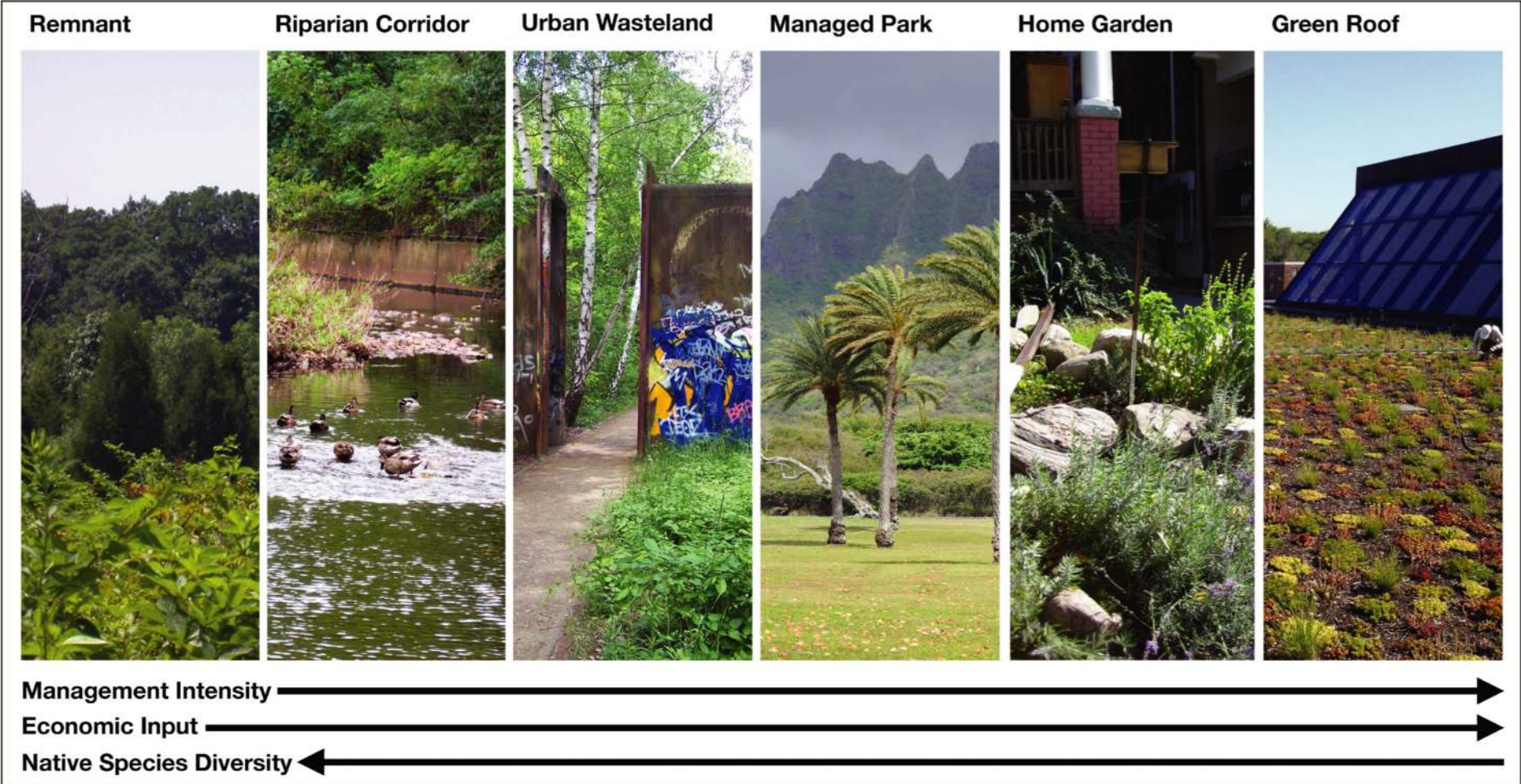


Figure 1. Urban green spaces include a range of habitat types that cross a continuum from intact remnant p Salvar PDF no Evernote



© Simont Cooke, Visions & Pathways 2016, CFC for Low Carbon Living



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