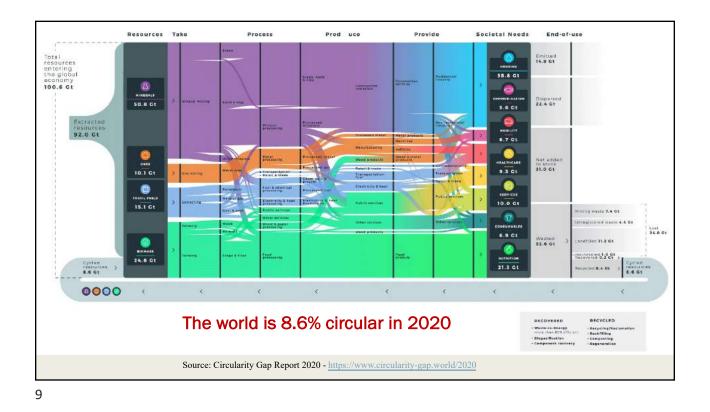
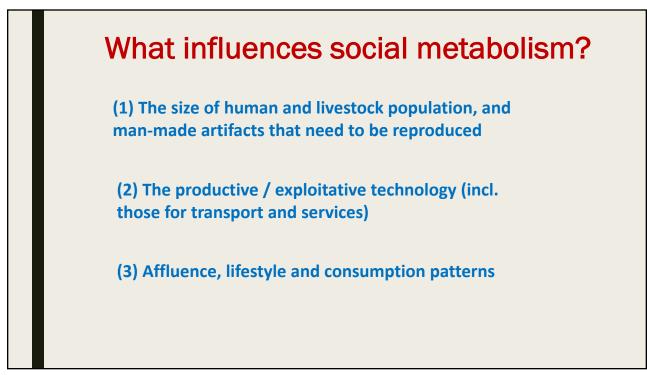
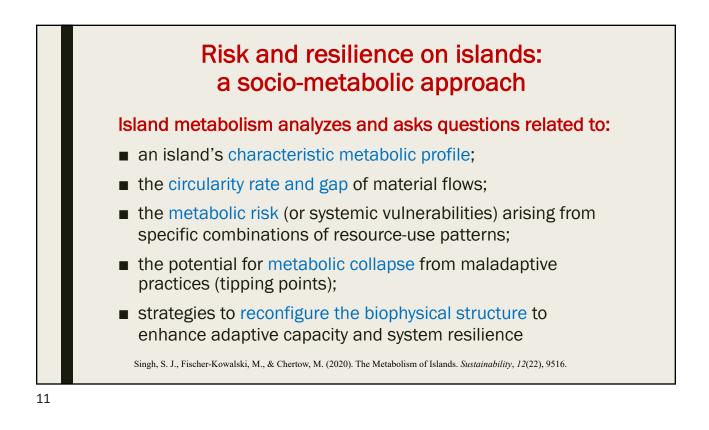




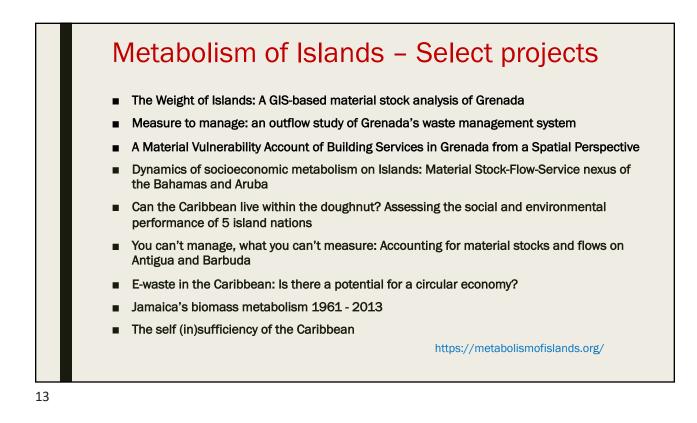
- Analyze the material throughput (quantity and quality) from extraction, through processing, transport, final consumption and disposal (metabolic rate, regimes and transitions);
- Undertake a circularity gap assessment (how circular is the physical economy?);
- Analyze the spatial dimension of material flows (where extraction, production, consumption and disposal takes place);
- Analyze concepts such as decoupling, rebound effect, etc.
- Interpret the impact of these flows within the framework of sustainability science (ecological economics, industrial ecology, human & social ecology);
- Relate these flows to development concerns (ecological unequal exchange, uneven development, distributional conflicts, environmental justice and embedded power relations) - political ecology.

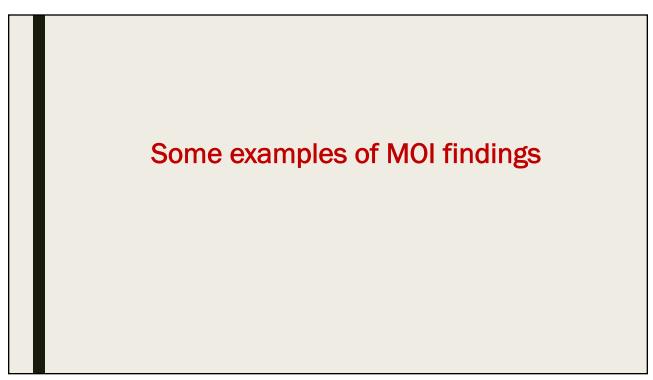


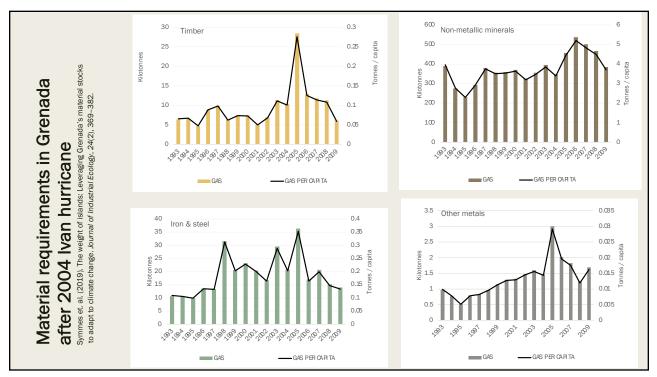


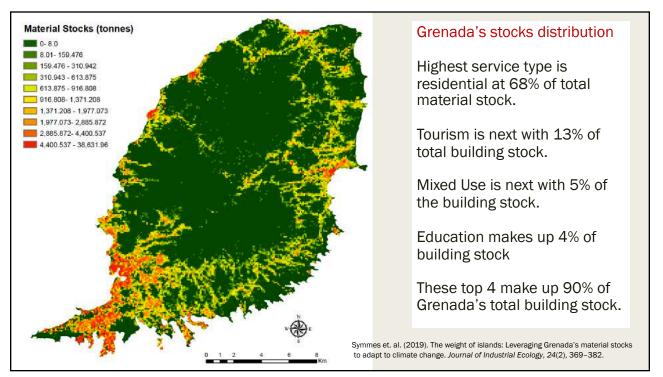














169 kt

173 kt

250 kt

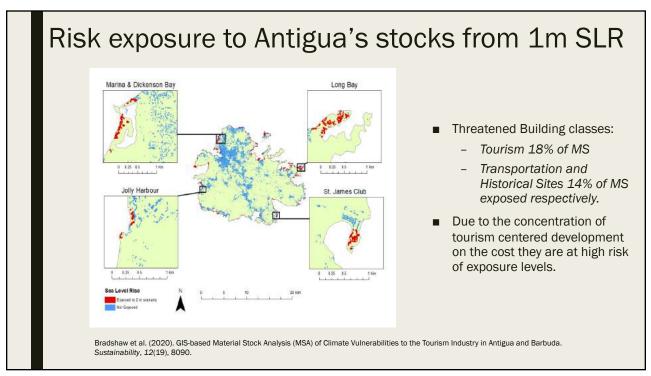
421 kt

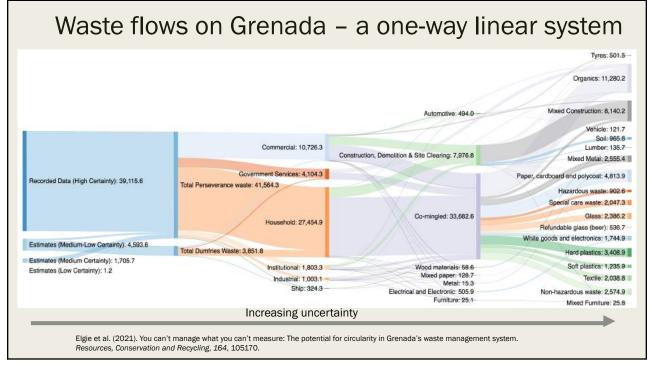


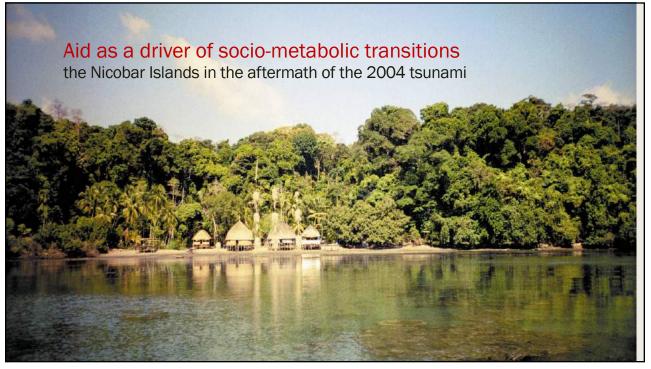
Institutional

Residential

Industrial

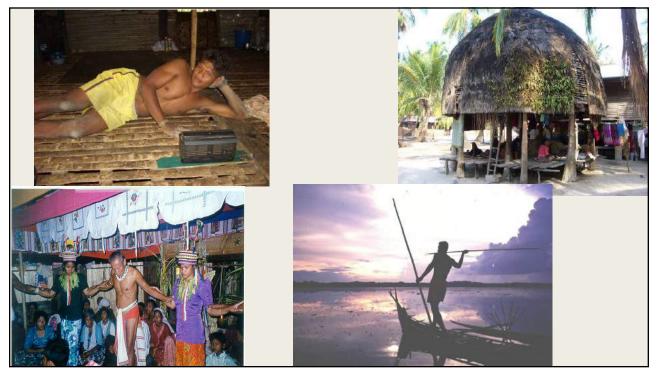














Humanitarian aid was mostly supply driven, less need driven; consumption patterns increased drastically and rapidly, mostly from aid;

