

Sustainable Productivity and The Future of Food

APO Sustainable Productivity Summit 2018

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Future of Food?











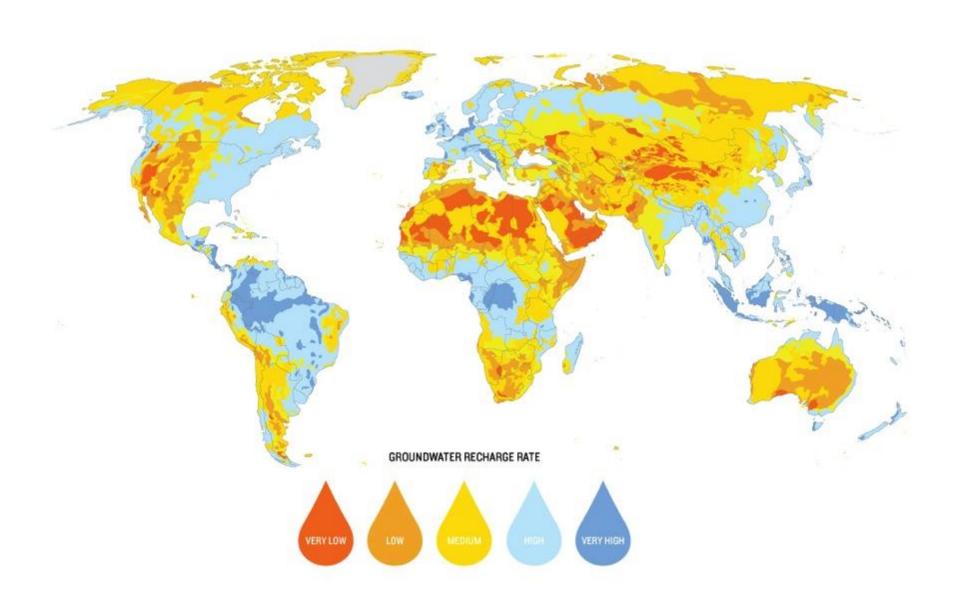
Resources





70% fresh water > agriculture

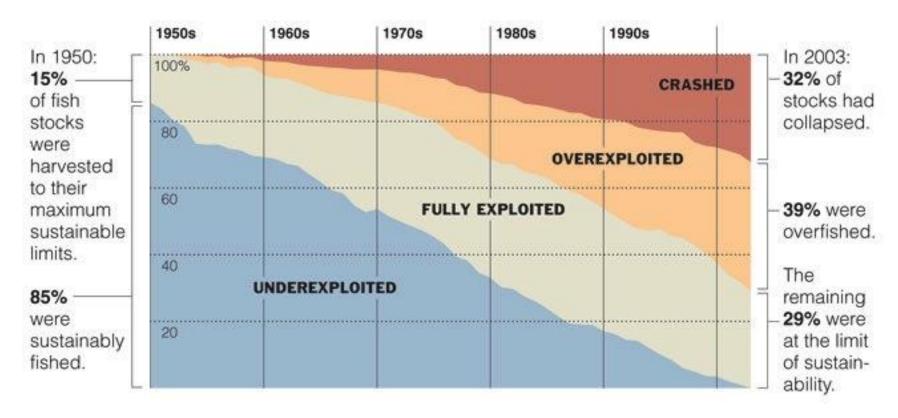






At the Breaking Point

The condition of the world's fisheries has declined drastically because of overfishing.



Source: Sea Around Us Project (seaaroundus.org)









Ocean Acidification



$$CO_2 + H_2O \rightarrow H_2CO_3$$









26% of ice-free land on earth grazed

33% of croplands grow feed for animals

Trillions of gallons of water used





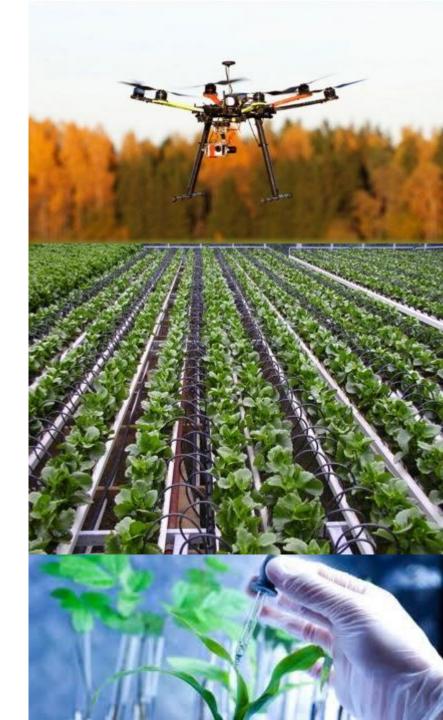
Pets eat >15B Kgs meat per year in the USA

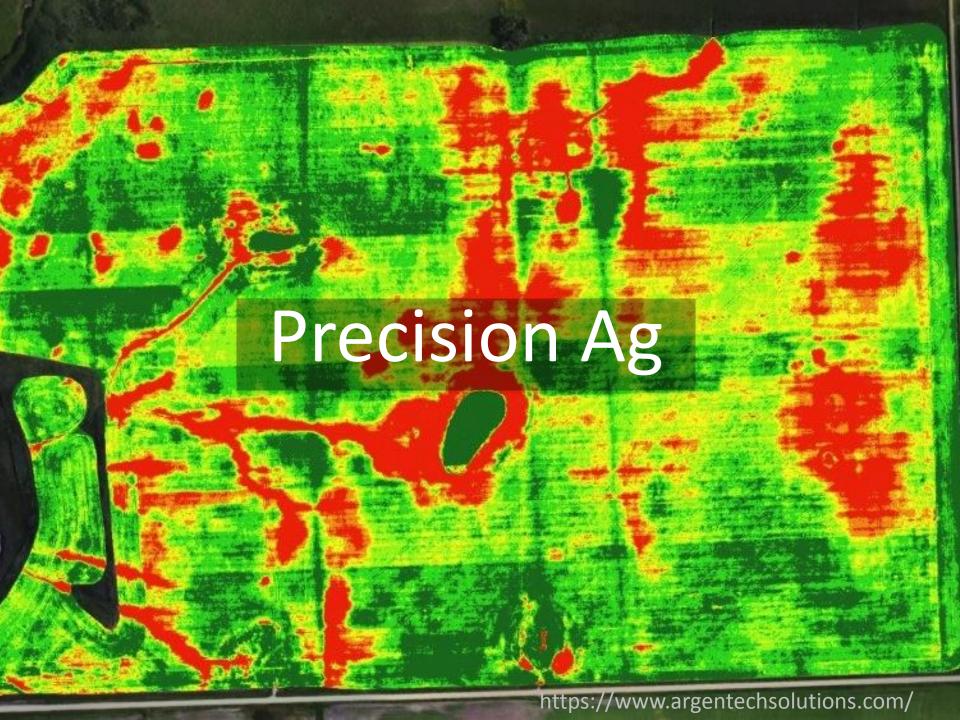
Animal Agriculture must be top priority for sustainable solutions

It is possible

Optimizing Crop Production

- Precision Agriculture
- Indoor Agriculture
- Crop Genetics









Reducing Livestock's Footprint

- Alternative Proteins
- More efficient feeds



IMPOSSIBLE"











Insect Protein

Pet Food



Livestock and Aquaculture Feed



https://www.wattagnet.com/

We face significant challenges

We must produce more with less

Animal agriculture is key



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