

## IAIA Webinar Series

- Accessing and Interpreting Biodiversity Information for Highlevel Biodiversity Screening
- Empowering Indigenous Voices in Impact Assessment
- Understanding Impacts on Vulnerable Populations through **Psycho-Social Impact Assessment**
- **Health** Considerations in Impact Assessment
- **Resettlement** and Impact Assessment Points of Intersection
- And several more...

Visit http://www.iaia.org/webinars.php

@IAIAnetwork #iaiawebinar

## Housekeeping

**Recording?** 

1

**Questions?** 

1

Slides available? ✓







## Part 1: THE TECHNOLOGIES

# 1. Data Visualization



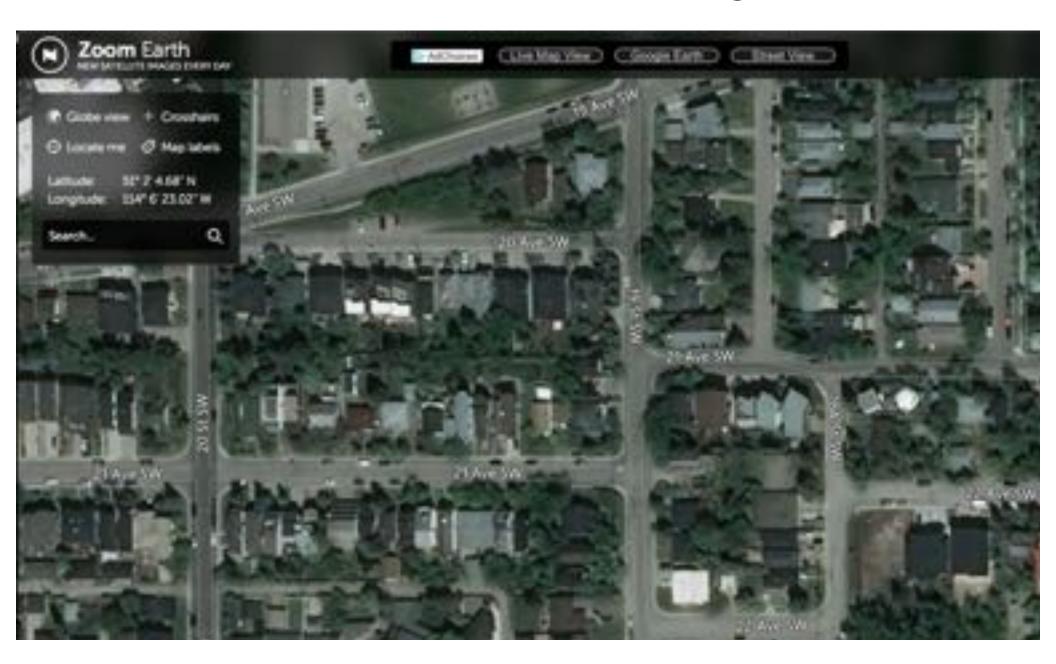
#### 1. Data Visualization











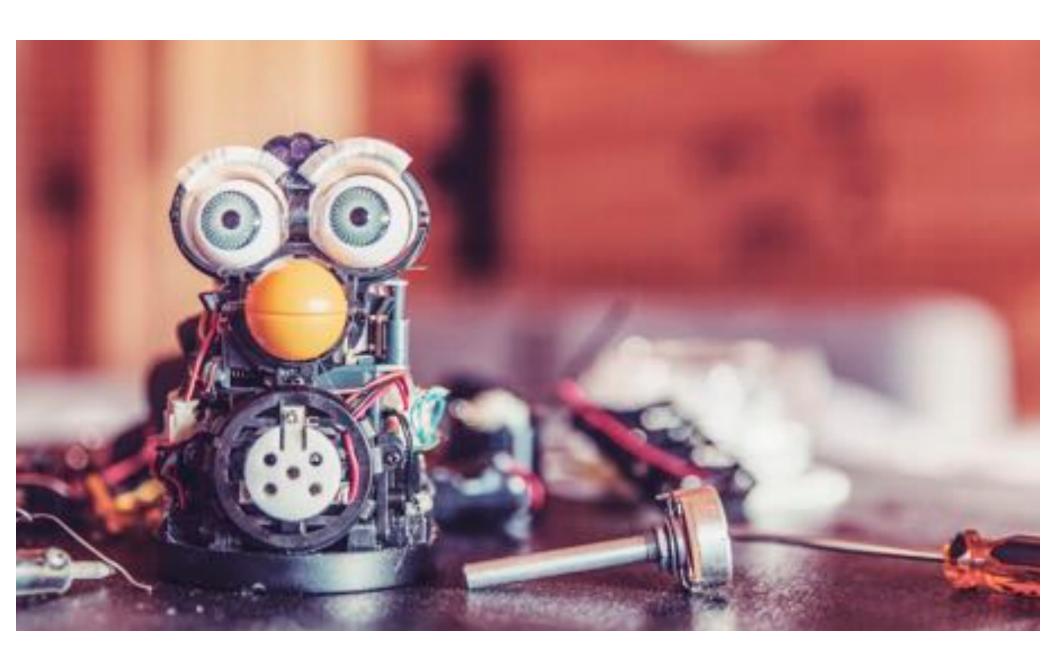




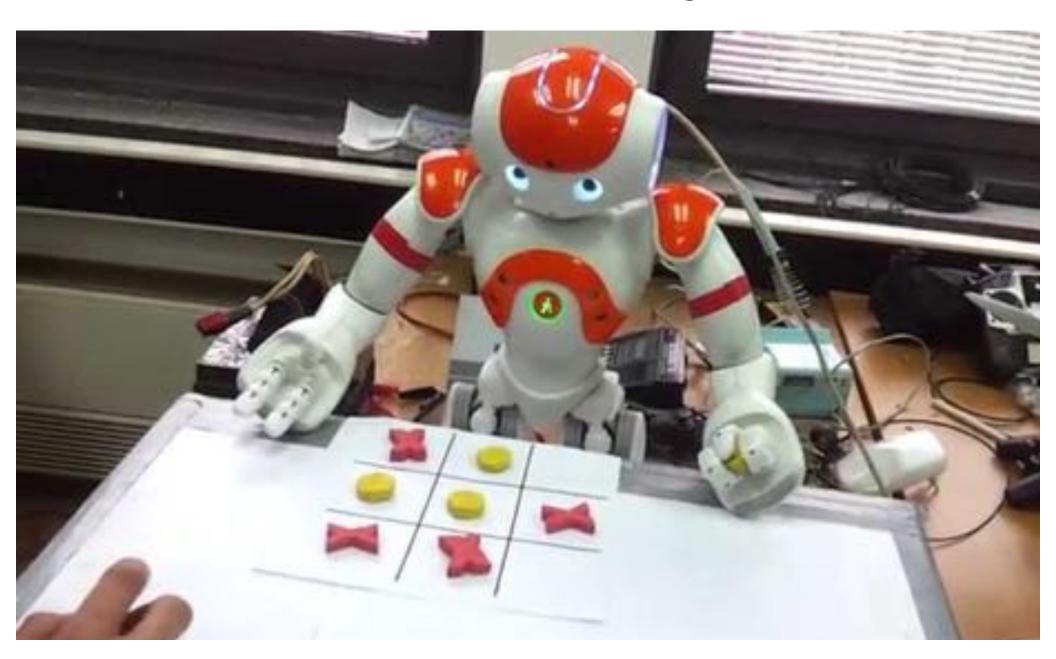




## 4. Artificial Intelligence



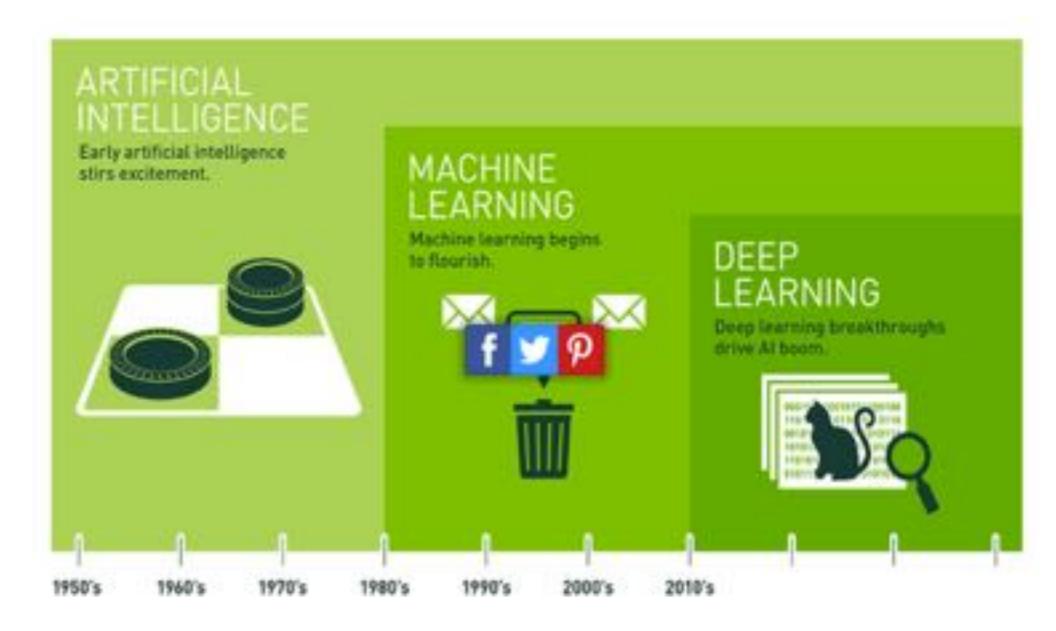
## 4. Artificial Intelligence



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Source: https://blogs.nvidia.com/blog/2016/07/29/whats-difference-artificial-intelligence-machine-learning-deep-learning-ai/

# Part 2: AIAIA

# What's the best use of Al in IA right now?

- Scoping
- Baseline data compilation
- Analysis

# Scoping

## Scoping

VERDICT: Relatively easy 'win' for computers in IA. Likely to enable better scoping through inclusion of more information, and a more rigorous and transparent process of selecting valued components.

## Baseline data compilation

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VERDICT: Methodological hurdles (e.g., what is good vs. bad information) but conceptually simple. Early area for uptake of AI in IA.

## Assessment

## Assessment

VERDICT: More methodologic challenges, but potentially a huge value-add.

# Part 3: THE IMPLICATIONS

### This is the juicy stuff.

 Human values and AI: who gets to decide what's best?

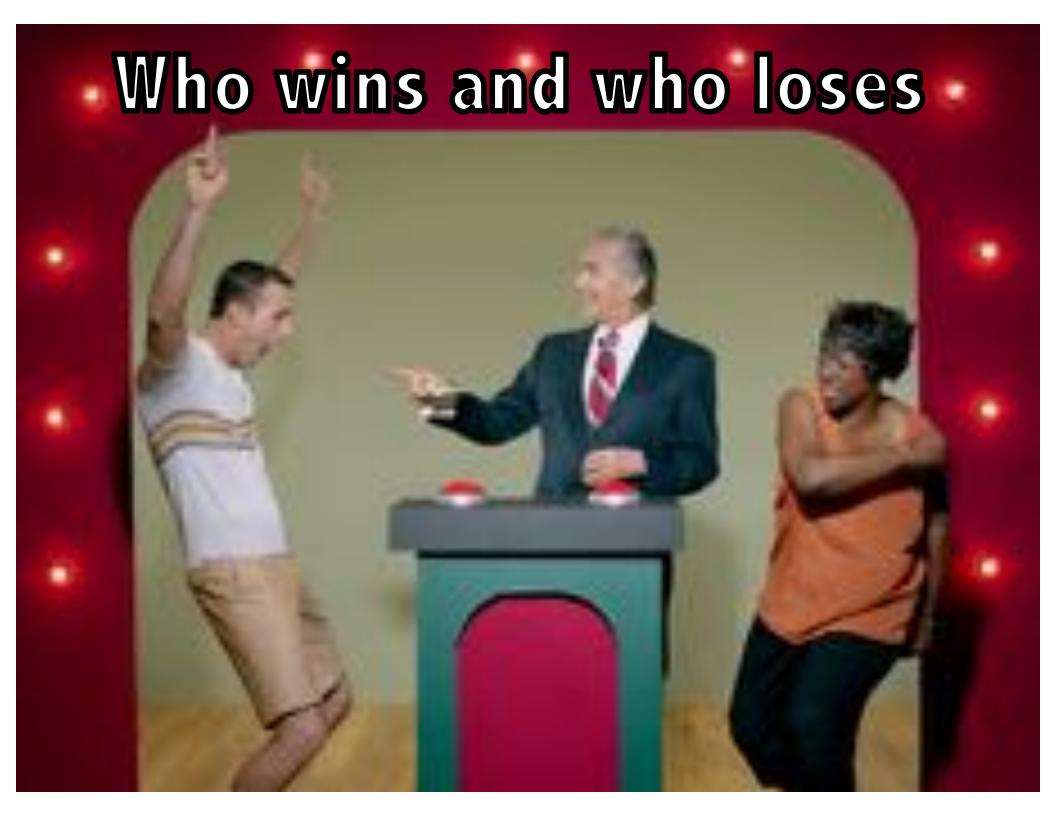
Will we all be replaced by computers?

Who wins and who loses?

## Human values and Al







- Communities: if IA is faster, cheaper and easier, maybe more will be done.
- Regulators: better if the IA is more transparent or rigorous. Also better if better presentation or visualization of information.

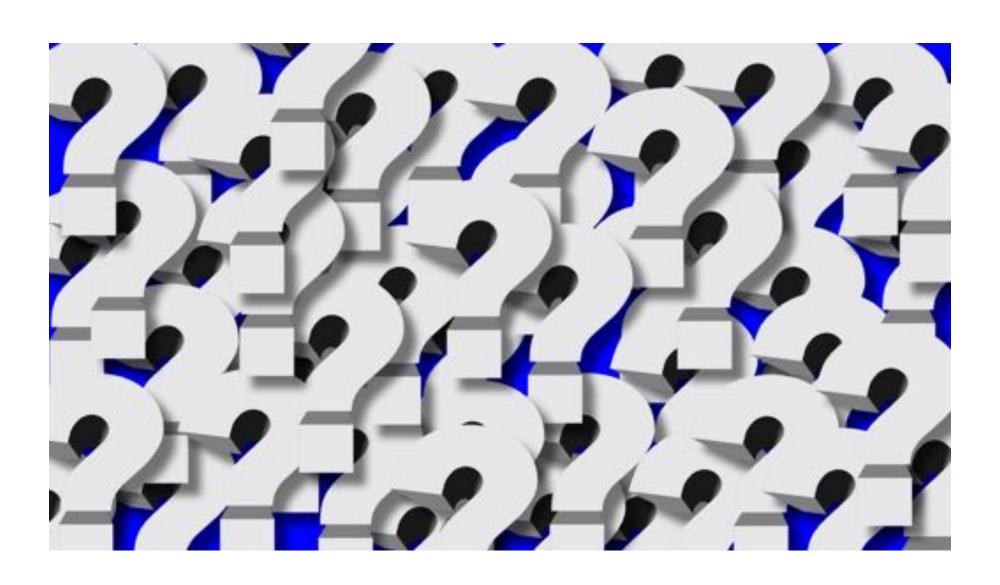
 Proponents: will it reduce cost? Provide more 'bang for the buck'?  Consulting companies: more work with greater efficiency. Move away from billable hour trap.

## New IAIA group!

iaia.emerging.tech @gmail.com



## Questions?



## New IAIA group!

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