



Open
Geospatial
Consortium

ESG Ratings

Apples to apples?

Scott Simmons, Chief Standards Officer: OGC



The landscape





Scores

| ISS | Moody's | MSCI | S&P Global | Sustainalytics | Bloomberg |
|----------|----------|------------|------------|----------------|-----------|
| A+ to D- | ++ to -- | AAA to CCC | 100 to 0 | 100 to 0 | 100 to 0 |

Environmental criteria

| ISS | Moody's | MSCI | S&P Global | Sustainalytics | Bloomberg |
|--|-----------------------|-----------------------------|---|--|---|
| Management of environmental risk and opportunities | Physical climate risk | Environmental opportunities | Environmental policy and management systems + Environmental reporting | | |
| Carbon and climate | Carbon transition | Climate change | Climate strategy | Carbon | Climate exposure |
| Natural resources | Natural capital | Natural capital | | Resource use + Land use and biodiversity | Energy management + Ecological impact |
| Waste and toxicity | Waste and pollution | Pollution and waste | Operational eco-efficiency + product stewardship | Emissions, effluent, and waste | Emissions management + Air quality + Waste management |
| | Water management | | | | Water management |

Social criteria

| ISS | Moody's | MSCI | S&P Global | Sustainalytics | Bloomberg |
|--------------------------------|---------------------------------|------------------------|--|---|---|
| Human rights | Human capital | Human capital | Human capital development + human rights + financial inclusion | Human capital+ Human rights | |
| Labor, health, safety | Health and safety | Social opportunities | Labor practice indicators + occupational health and safety + talent attraction and retention | Occupational health and safety + Access to basic services | Occupational health and safety + Labor and employment practices |
| Stakeholders and society | Demographic and societal trends | Stakeholder opposition | Social reporting + corporate citizenship and philanthropy | Community relations | Community rights and relations + Ethics and compliance |
| Product safety, quality, brand | Responsible production | Product liability | Addressing cost burden + health output contribution | Product governance + Impact of products and services | Operational risk management |
| | Customer relations | | Strategy to improve access to products | | |

Governance criteria

| ISS | Moody's | MSCI | S&P Global | Sustainalytics | Bloomberg |
|--------------------------|---|----------------------|--|--|------------------------|
| Board structure | Board structure, policies, and procedures | Corporate governance | Codes of Business Conduct + Corporate Governance | Corporate governance | Board compensation |
| Compensation | Management credibility and track record | | | | Executive compensation |
| Shareholder rights | | | Customer Relationship Management + Financial Stability & Systemic Risk + Materiality + Strategy for Emerging Markets | Resilience | |
| Audit and risk oversight | Compliance and reporting + Financial strategy and risk management | Corporate behavior | Anti-Crime Policy & Measures + Information Security/Cybersecurity & System Availability + Policy Influence + Privacy Protection + Product Quality & Recall Management + Risk & Crisis Management | Business ethics + Bribery and corruption + Data privacy and security | |
| | Organizational structure | | Innovation Management + Marketing Practices + Supply Chain Management | ESG Integration - financials | |

What is being measured?



Environmental criteria – active vs. passive

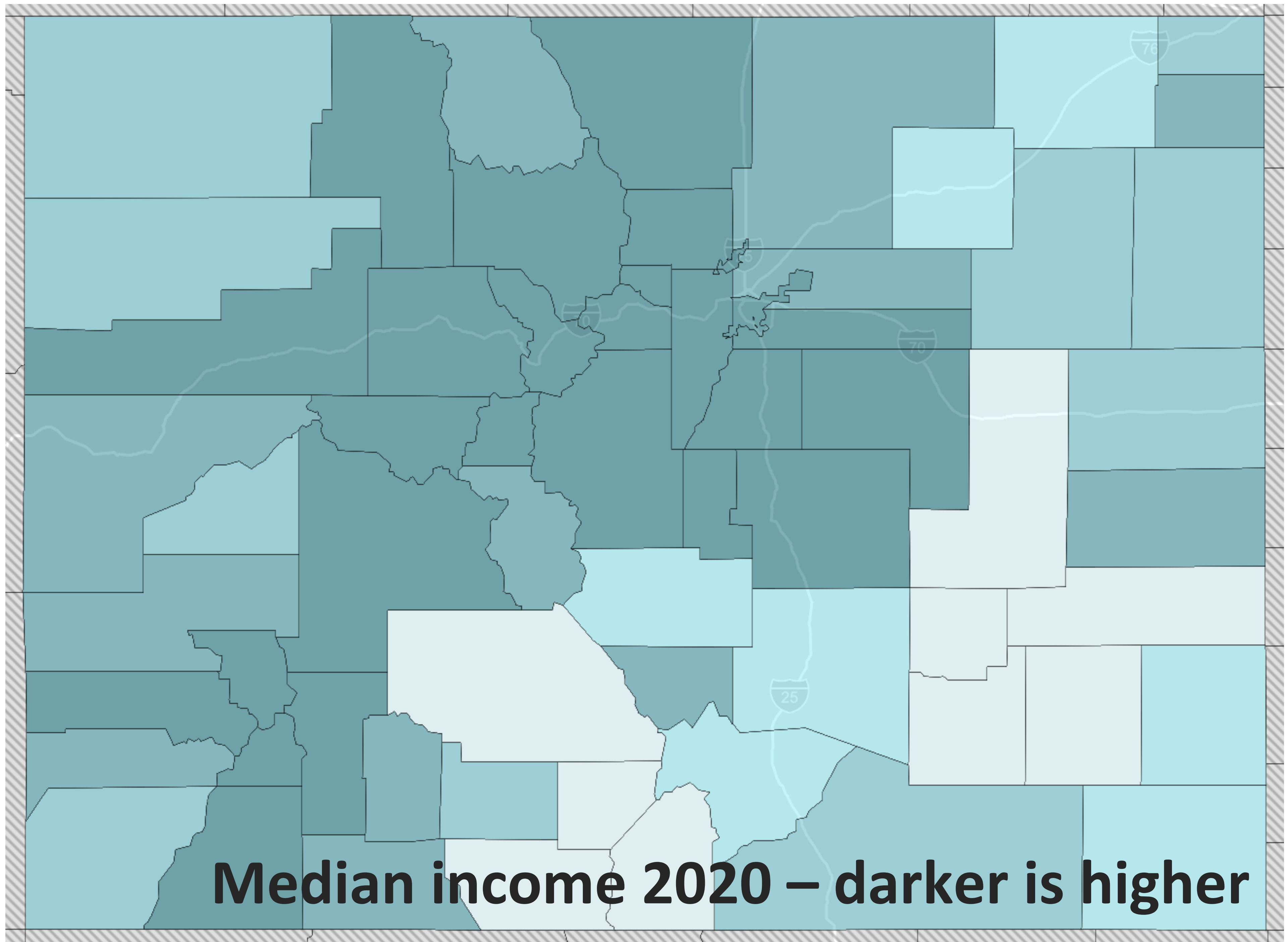
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How much carbon is captured here?

What suppliers are upstream of this mess?





Median income 2020 – darker is higher

Scoping the solution

An aerial photograph of a vast, snow-covered mountain range. The terrain is rugged and covered in white snow, with some dark patches of rock or vegetation visible. The sky is a clear, deep blue, and there are some wispy clouds near the horizon. The overall scene is bright and expansive.

Goal for standardization



No interoperability

No competition

So what is “just right?”

Scores

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Normal scores?



Social criteria

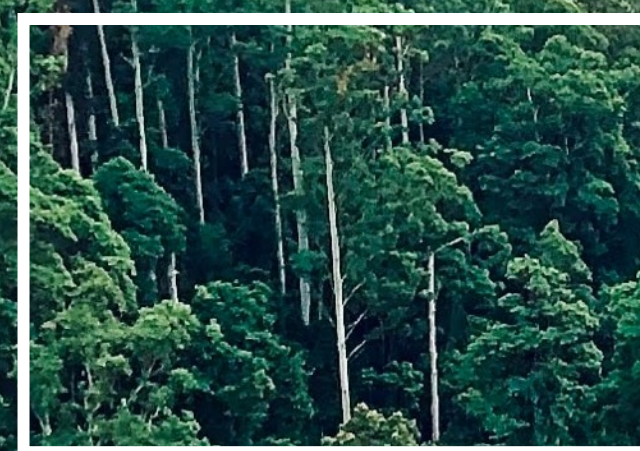
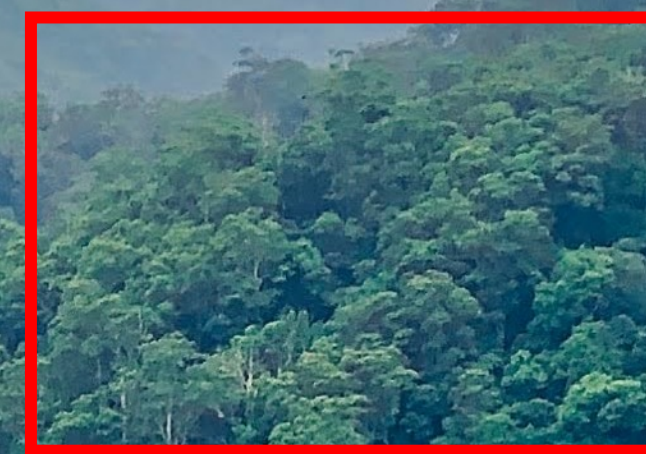
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Equilibrate measured concepts?



Canopy height

Crown width



Trunk diameter

Discussion – what can/should be standardized?

Thank You

Community

- 500+ International Members
- 110+ Member Meetings
- 60+ Alliance and Liaison partners
- 50+ Standards Working Groups
- 45+ Domain Working Groups
- 25+ Years of Not for Profit Work
- 10+ Regional and Country Forums

Innovation

- 120+ Innovation Initiatives
- 380+ Technical reports
- Quarterly Tech Trends monitoring

Standards

- 65+ Adopted Standards
- 300+ products with 1000+ certified implementations
- 1,700,000+ Operational Data Sets
- Using OGC Standards

