

Public Private Partnerships (P3) HSRP Issue Paper

By David F. Maune, PhD, CP, PSM, PS, GS

September 22, 2022

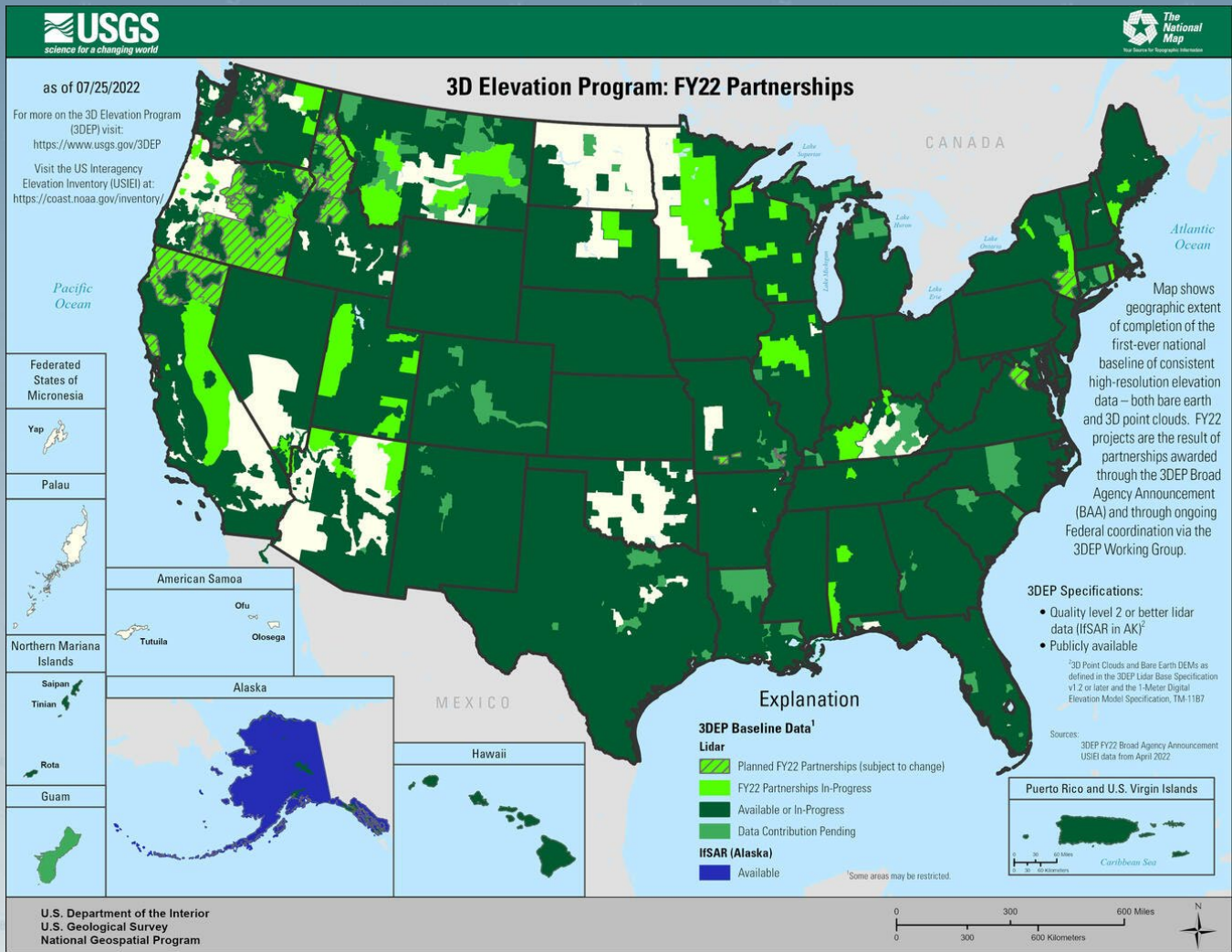


FGDC definition of Public Private Partnership (P3s)

“A long-term agreement between one or more public agencies (Federal, State, and/or local) and private sector entity or entities that includes shared responsibility, risk, and reward among the parties. Through this agreement, the skills and assets of the private sector are employed in delivering a product, service, or infrastructure for use by the public at large.”

- HSRP recommends inclusion of academia.
- USGS has succeeded with formal & informal P3s.

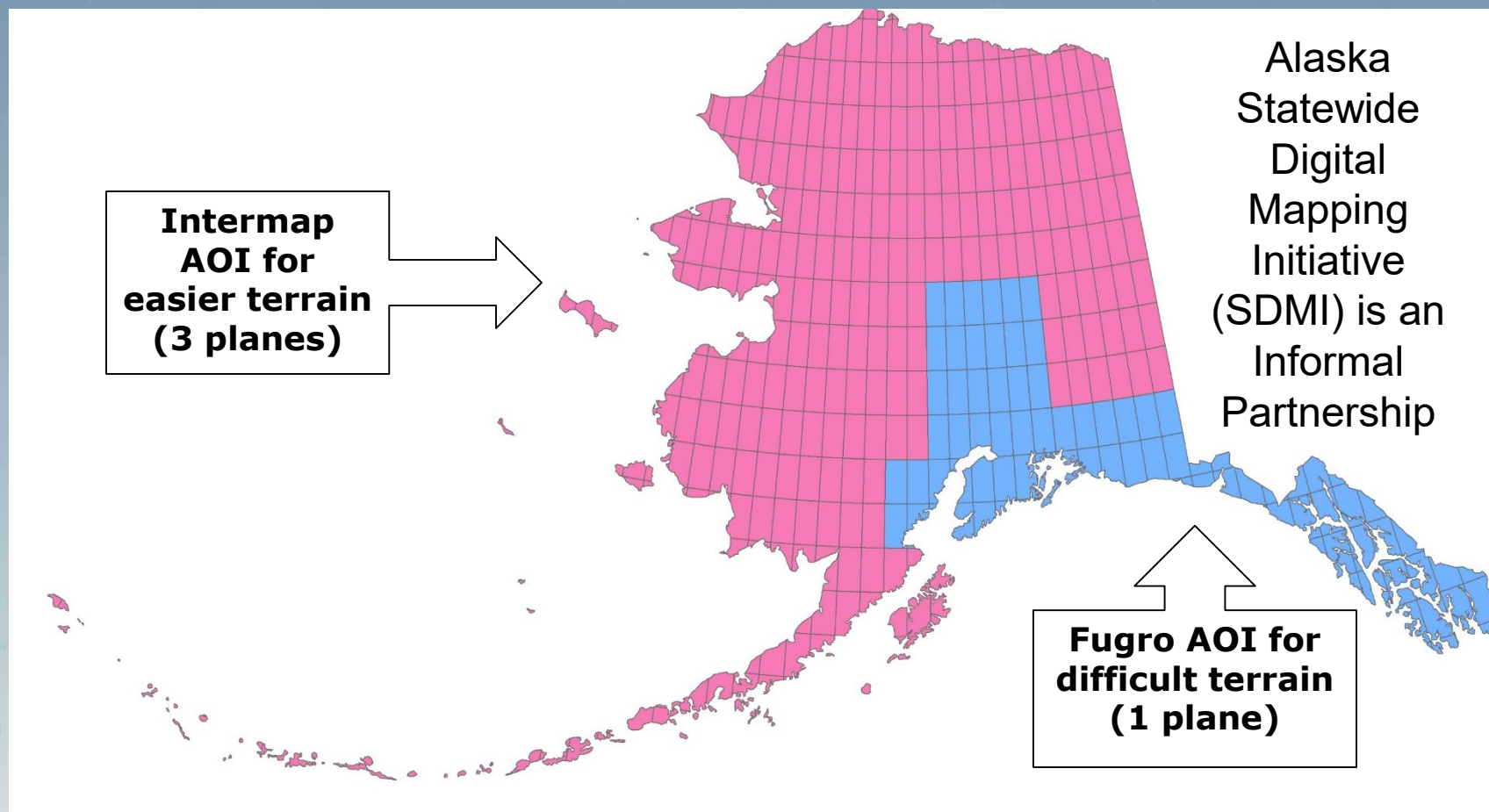
USGS' 3D Elevation Program (3DEP)



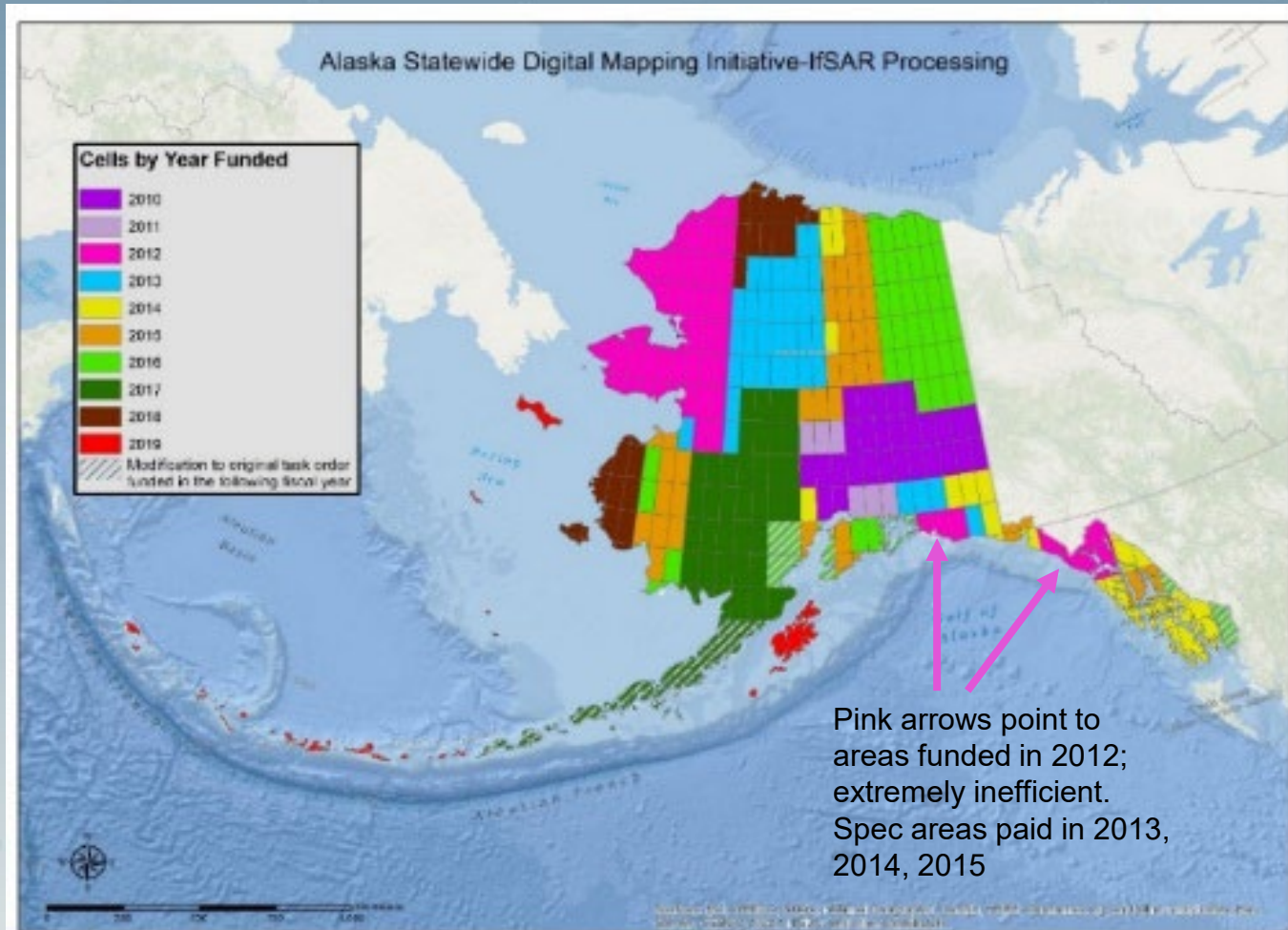
3DEP Broad Agency Announcement (BAA) is a Formal Partnership for nationwide lidar/ifsar. Selections are based on scoring criteria.



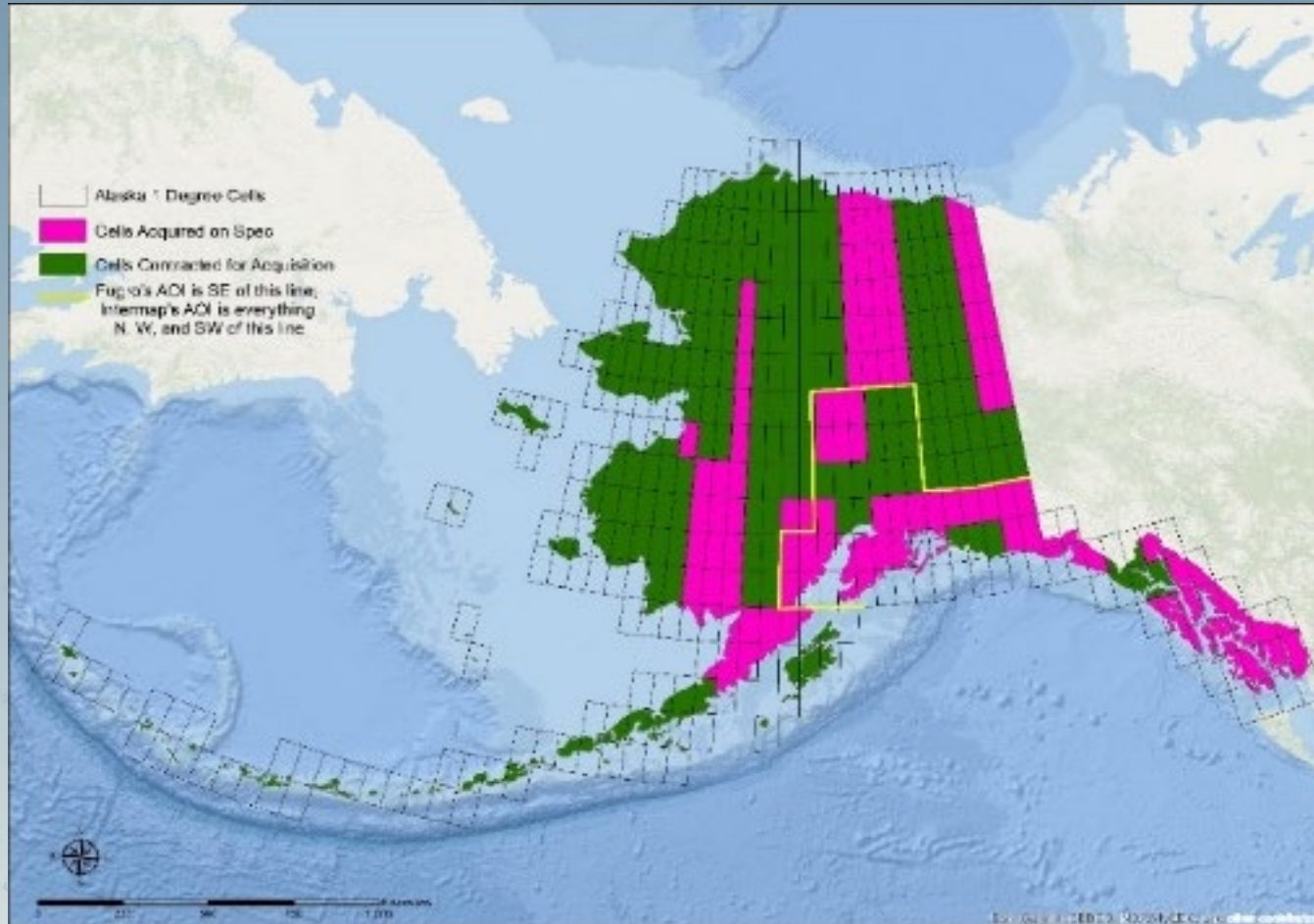
AK Areas of Interest (AOI) assigned to Intermap and Fugro based on technology



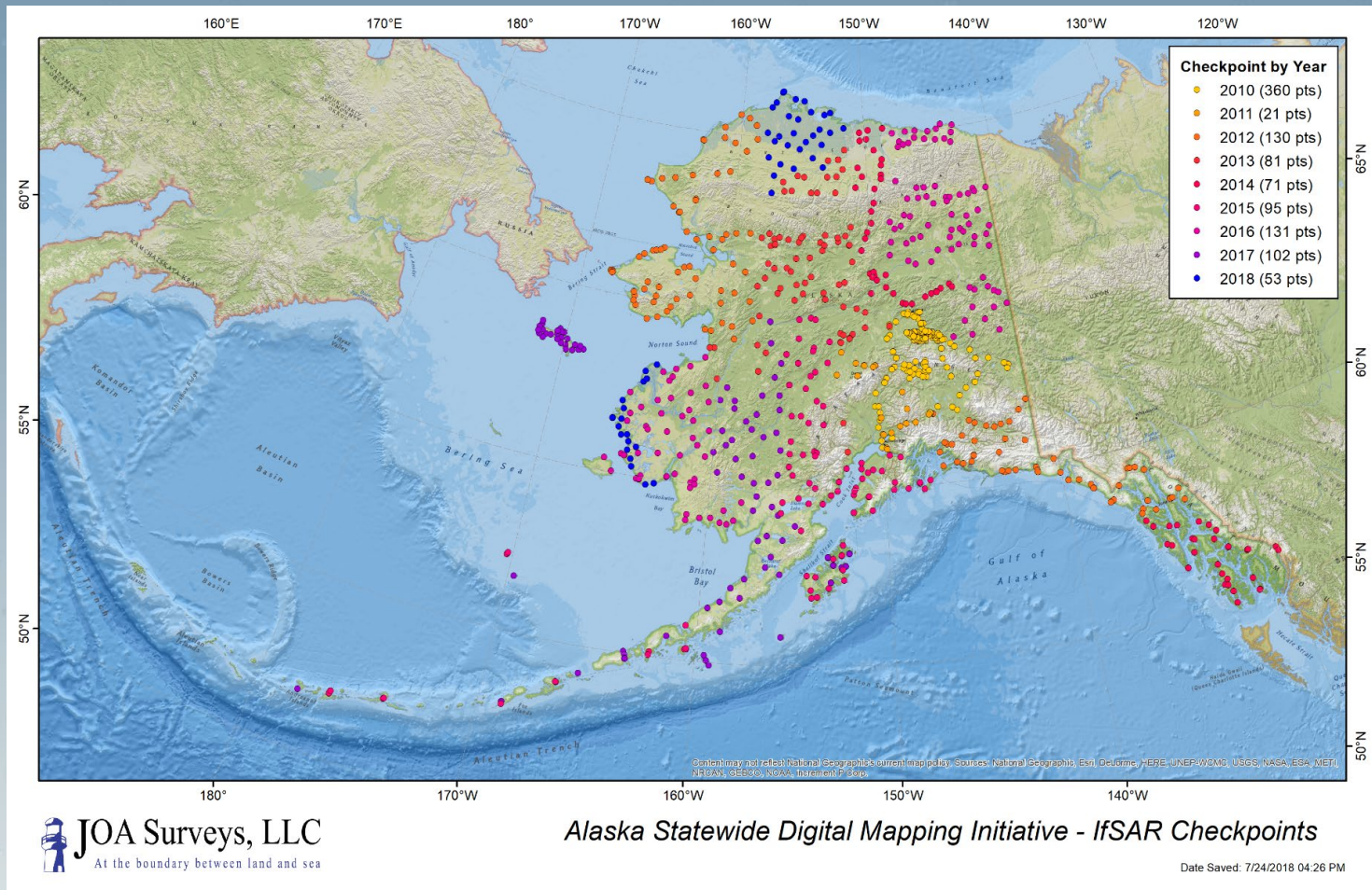
Received piecemealed annual funding in small, inefficient blocks as color-coded



Pink areas acquired on speculation in large efficient blocks



Dewberry paid JOA Surveys to acquire 50% of IfSAR checkpoints on spec



Public and Private PPP Contributions

Public PPP Contributions

| Land Ownership | % of Land Owned | % of Dollars Paid |
|-----------------|-----------------|-------------------|
| State of Alaska | 24.1% | 21.44% |
| BLM | 22.1% | 5.25% |
| F&WS | 21.1% | 1.53% |
| NPS | 14.1% | 4.90% |
| AK Native Corps | 10.5% | 0.00% |
| USFS | 6.0% | 2.87% |
| Other Private | 1.6% | 0.00% |
| DOD | 0.5% | 3.86% |
| USGS | 0.0% | 54.2% |
| NRCS | 0.0% | 5.95% |

Private PPP Contributions

| Firm | % of AOI on Spec | Dollars Risked |
|----------|------------------|----------------|
| Fugro | 71% | \$9.2M |
| Intermap | 26% | \$11.0M |
| Dewberry | 50% | \$0.7M |

Having only an informal, verbal PPP agreement with USGS and State of Alaska, the private sector risked about \$21M acquiring data on speculation, but saved the government about \$30M.

Can NOAA similarly use formal or informal PPPs for efficient acquisition?

