

Bench-Marking Workshop

MCC Mining Compact Commission

**Underground Mine Mapping –
Benchmarking Workshop**

Pittsburgh, Pennsylvania

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Pennsylvania's Initiative on Preservation of Maps of Abandoned Mines

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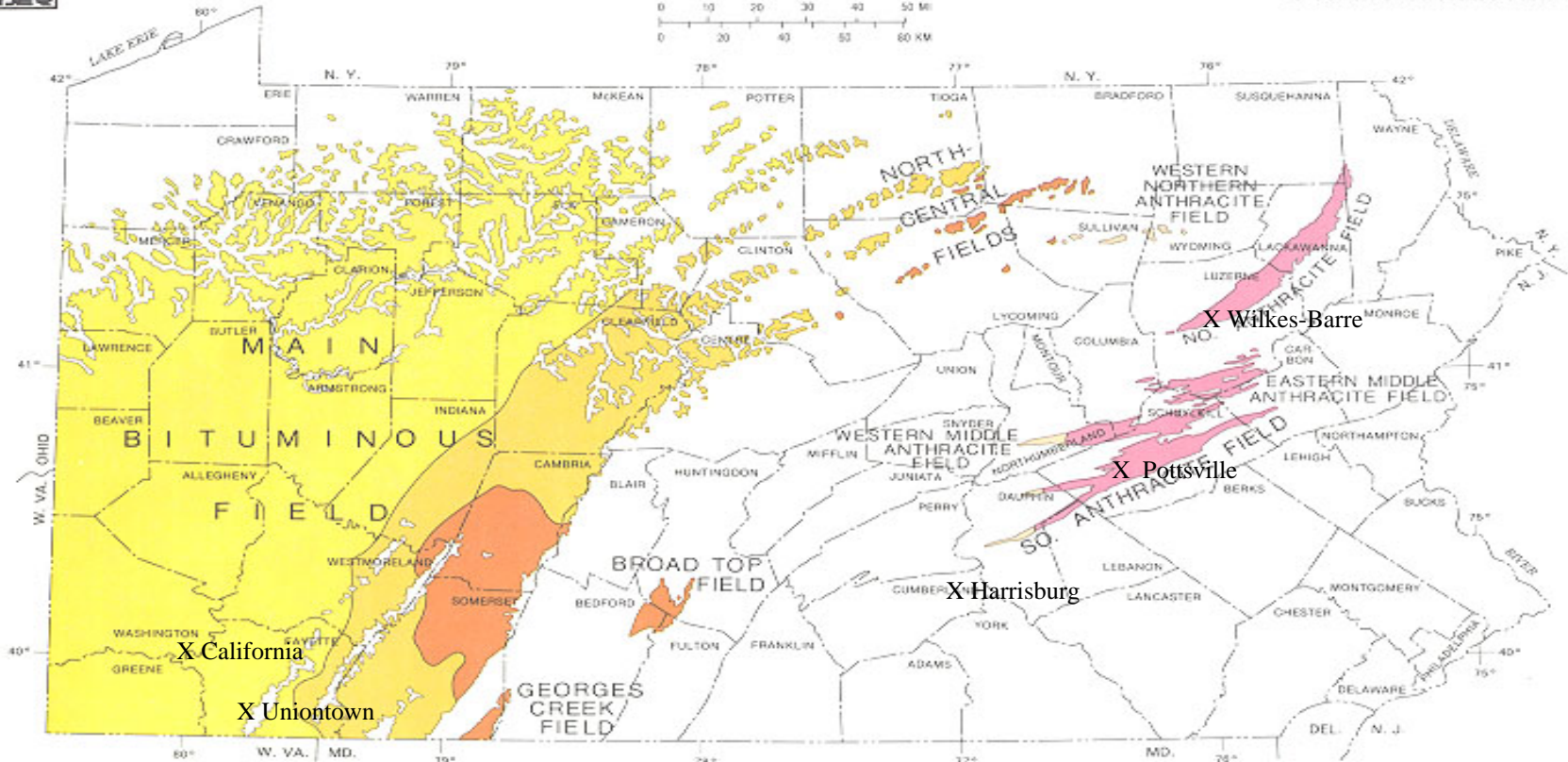
MAP 11



DISTRIBUTION OF PENNSYLVANIA COALS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF PARKS AND FORESTRY
BUREAU OF
TOPOGRAPHIC AND GEOLOGIC SURVEY

SCALE 1:2,000,000



EXPLANATION

BITUMINOUS FIELDS

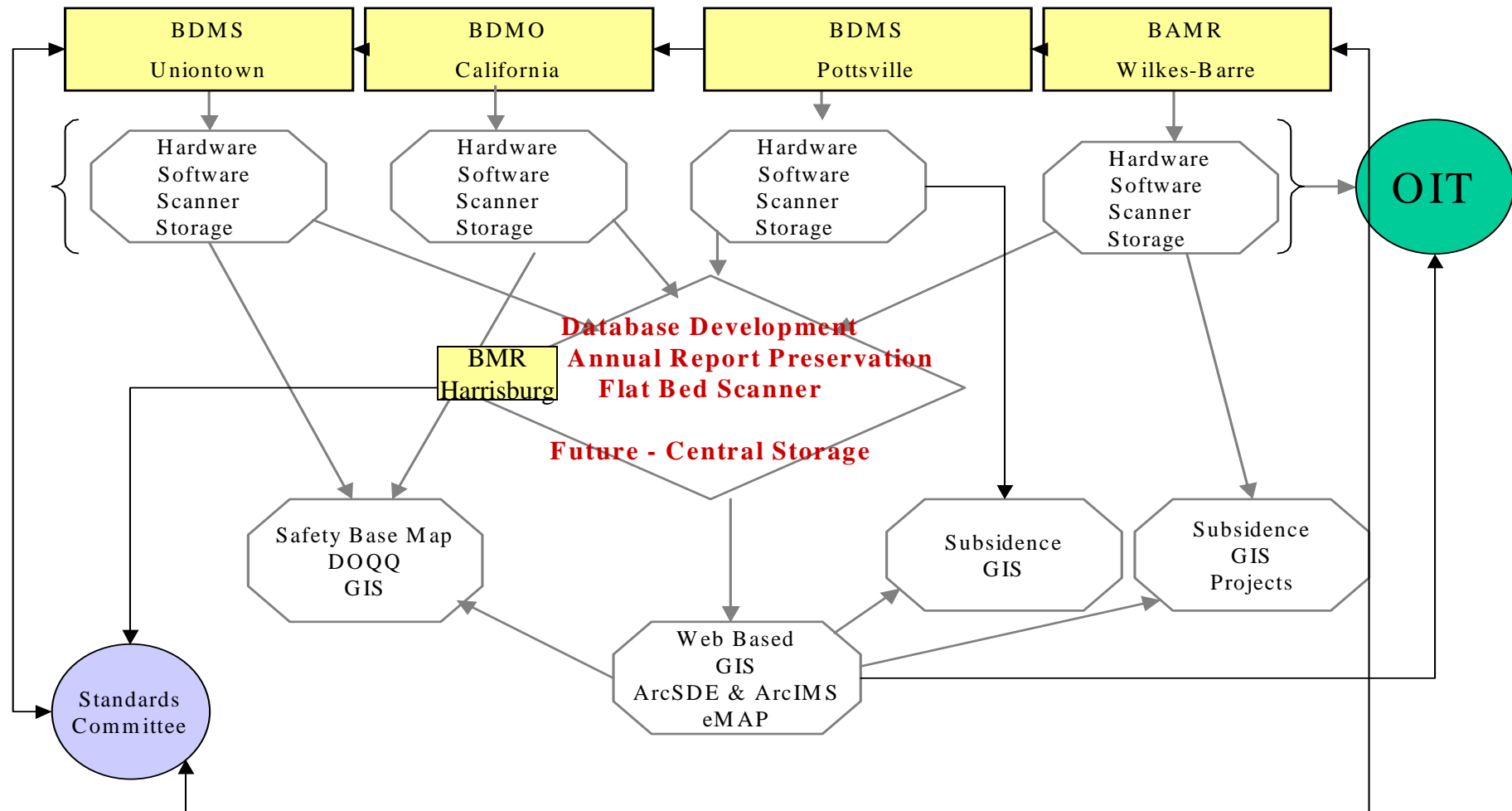


ANTHRACITE FIELDS



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PA. DEP Map Digitizing Initiative



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Vidar Atlas SP 54 Color Scanners

Fujifilm Quattro Flatbed Scanner

3 HP Plotters

and 2 Gestetner Digital Copiers

1.6 Terabyte IBM Servers

High Resolution Digital Camera

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Combined Database PHUMMIS

Development stages

Data conversion

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Very Large Mine Maps

Digital photography to provide digital images of these maps

Working on an MOU where DEP will purchase camera in exchange for digital images of large maps

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Pa. Annual Reports

25 Years in digital format

**Site lists various locations
where annual reports can be
found**

On the web

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Geo-referencing of Maps

Working on Standards

Is it Ground-Hog or Pheasant Hunting?

Make sure your target is well known by all who can use your data.

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**Maps Scanned with new
Equipment**

2,562 maps scanned October to date

Added 1,532 maps to inventory

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Project Leaders

Joe Taranto Calif. DMO

Kim Snyder Wilkes-Barre

Dave Williams Pottsville DMS

Robin Lighty Harrisburg BMR

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Questions

Thank You