

Title: Museum of Northern Arizona Photo Archives – Environmental Modification Prints

Dates: 1930s-1990s

Name of Creator(s): Museum of Northern Arizona staff including Leland Abel, John Adair, E. Capps, Harold S. Colton, S. Cooper, Robert Fronske, Marc Gaede, Parker Hamilton, Lyndon L. Hargrave, Neil Judd, A.J. "Lex" Lindsay, P. Long, M. Middleton, T. Nichols, L. W. Smith, C. Turner, W.M. Wells, and Barton Wright.

Organizational History:

In 1959, the Photography Department and position of Photographer created by director Dr. E. B. Danson, with Parker Hamilton as MNA's first Assistant in Photography, later that year promoted to Photographer. Prior to 1959, the photo archives were a part of the Publications Department but not under the management of a photographer. In 1960, a large-scale cataloging initiative of new and old prints, negatives, and slides was undertaken. A photography studio and cataloging room was established in Fleischman Hall (now Schaeffer) in 1965. An inventory was made of negatives in June 1969 which noted missing negatives. By the early 1980s the Photography Department became the Photo Archives, reflecting a shift in focus from active photography to preservation of and access to existing materials. An inventory of negatives was done again in February 1988 with notes made of missing negatives. The Photo Archives moved to the Library in 1995.

In 2005, the Photo Archives ceased operation as a department, and staff photography became the responsibility of the Marketing Department while the care of materials and use requests were the responsibility of the Library staff. The Photo Archives were made the responsibility of the Archivist in 2008. In 2013 the Photo Archives was moved from the Library in the Administrative building to the Archives in the Easton Collection Center. In December 2013, extensive conservation work was begun on sections of the Photo Archives with funding from the Institute of Museum and Library Services. Conservation care has continued with funding from a variety of sources like the NEH, Southwest Foundation, and the Arizona Historical Records Advisory Board.

Photographers associated with the MNA Photo Archives are:

- 1963 Paul Long, Jr., Photographer
- 1964 Carol Ruff (ASU), Assistant in Photography
- 1965 Nancy Jo Wright (NAU), Assistant in Photography
- 1966 Albert G. Smith, Photographer
- 1967 Ann Pollock Assistant in Photography
- 1968 Marc Gaede, Photographer
- 7/1969 Gayle Harrison, Photographer
- 9/1969 Glenn Abbeloos, Photographer
- 7/1970 Marc Gaede returns as Photographer
- 1973 Marc Gaede promoted to Chief Photographer
- 1973 Claudia Lucas, Mike Wallach, and Carroll Bennett, Assistants in Photography
- 1974 Mark Middleton and Ruth Eryn Sharp, Assistants in Photography

- 1975 Mark Middleton, Photographer
- 1977 Marc Gaede, Curator of Photography
- 1978 Mark Middleton, Museum Photographer
- 1983 Carol Burke becomes Photo Archivist
- 1994 Susan Olberding Photo Archivist
- 1995 W. James Burns Photo Archivist
- 1996 Tony Marinella Photo Archivist

Scope and Content: The Photo Archives contains silver gelatin prints, 35 mm slides (color and black and white), and acetate negatives. Subject covers the Colorado Plateau and the various research areas of the Museum of Northern Arizona. Broad topics include anthropology, archaeology, ethnology, paleontology, geology, Museum history, botany, and meteorology.

System of Arrangement: The Photo Archives is divided into series and then into multiple subseries. The series identifiers are listed below. Please review the individual series descriptions which contain tables showing the breakdown into further categories. Please use the identifiers listed in the individual series descriptions when making research requests.

Series Identifier	Series Name	Scope and Content
A	Archaeology and Physical Anthropology	Miscellaneous archaeological specimens from unknown sites, maps, diagrams, reconstructions; photos relating to human biology.
NA	Archaeological Survey	All photos associated with known numbered archaeological sites: views before and after excavation, artifacts, plans, reconstructions, etc.
B	Botany	
C	Crafts and Arts	All photos of art objects, painting, etc. except Native American arts which are placed under individual tribe in Ethnology. Also includes Craftsmen Shows at MNA.
D	Dendrochronology	Photos related to the study of tree ring dating and its use in the dating of archaeological sites.
E	Ethnology	All photos of Native Americans, Native American crafts, house, ceremonies, etc...; classified by tribe name.
EM	Environmental Modification	All photos associated with environmental modification by man and/or economic development in the Southwest.
Fr	Forestry	
G	Geology	
Gg	Geography	
H	History	
M	Meteorology	

N	Northern Arizona Society of Science and Art (NASSA)	All photos of MNA buildings, permanent exhibits, staff, conferences, etc...
P	Petroglyphs	Photos of rock art taken around the Southwest in relation to MNA projects.
Z	Zoology	

Conditions Governing Access: Due to cultural sensitivities and federal law, photographs documenting archaeological excavations are restricted to professional archaeologists if they show burials or other information that the tribes deem private. To view these materials, researchers must request permission from the appropriate tribal authority.

Physical Access: Materials may be unavailable due to conservation work or staff availability. Please make an appointment with the Archivist to view these materials.

Conditions Governing Reproduction and Use: Unpublished and published manuscripts are protected by copyright. Permission to publish, quote, or reproduce must be secured from the repository and the copyright holder.

Custodial History: Materials were created by various MNA departments and staff throughout the history of the museum. Please see the Organizational History for information on the creation of this collection.

Related Archival Materials: Museum of Northern Arizona Site Archives and Museum of Northern Arizona Institutional Record Group: Anthropology.

Related Museum Collections: Museum of Northern Arizona Anthropology Collection

Publication Note: Please use the photograph identification number provided by the Archivist in any citations or captions for these images.

Description Control: Finding aid created by Patricia L. Walker using DACS, October 2015.

Series EM: Environmental Modification

Dates:

Extent:

Scope and Content: All photos associated with environmental modification by man and/or economic development in the Southwest

Series Identifier	Description	Formats	Restrictions and Access
<i>Conservation Organizations (each organization is numbered separately)</i>			
EM1	National and Arizona Wildlife Federation		
EM2	Sierra Club		
EM3	Friends of the Earth		
EM4	Black Mesa Defense		

EM5	John Muir		
EM6	Central Clearinghouse		
EM7	CPEAC (these photos are filed under N100-C		
EM8			
EM9	Miscellaneous		
<i>Biology – All photos relating to changes or disturbances in the biological community</i>			
EM10	Botanical		
EM11	Zoological		
EM12	Micro-environmental		
EM13	General biological community		
EM14			
EM15			
EM16			
EM17			
EM18			
EM19	Miscellaneous		
<i>Energy – non-industrial</i>			
EM20	Recreational		
EM21	Private		
EM22			
EM23			
EM24			
EM25			
EM26			
EM27			
EM28			
EM29	Miscellaneous		
Energy – Industrial (the order of topics for all electrical and nuclear power plants, smelters, etc... is the same as that listed under “Four Corners”)			
<i>Electrical</i>			
EM30	Four Corners		
EM30A	Site before construction		
EM30B	Construction		
EM30C	Operation		
EM30D	Equipment		
EM30E	Effects of operation		
EM30F	Demonstrations		
EM30G			
EM30H			
EM30I			
EM30J	Miscellaneous		
EM31	Huntington Canyon		
EM31A	Site before construction		
EM31B	Construction		

EM31C	Operation		
EM31D	Equipment		
EM31E	Effects of operation		
EM31F	Demonstrations		
EM31G			
EM31H			
EM31I			
EM31J	Miscellaneous		
EM32	Kaiparowitz		
EM32A	Site before construction		
EM32B	Construction		
EM32C	Operation		
EM32D	Equipment		
EM32E	Effects of operation		
EM32F	Demonstrations		
EM32G			
EM32H			
EM32I			
EM32J	Miscellaneous		
EM33	Mojave or Mohave		
EM33A	Site before construction		
EM33B	Construction		
EM33C	Operation		
EM33D	Equipment		
EM33E	Effects of operation		
EM33F	Demonstrations		
EM33G			
EM33H			
EM33I			
EM33J	Miscellaneous		
EM34	Navajo		
EM34A	Site before construction		
EM34B	Construction		
EM34C	Operation		
EM34D	Equipment		
EM34E	Effects of operation		
EM34F	Demonstrations		
EM34G			
EM34H			
EM34I			
EM34J	Miscellaneous		
EM35	San Juan		
EM35A	Site before construction		
EM35B	Construction		

EM35C	Operation		
EM35D	Equipment		
EM35E	Effects of operation		
EM35F	Demonstrations		
EM35G			
EM35H			
EM35I			
EM35J	Miscellaneous		
EM36	Cholla		
EM36A	Site before construction		
EM36B	Construction		
EM36C	Operation		
EM36D	Equipment		
EM36E	Effects of operation		
EM36F	Demonstrations		
EM36G			
EM36H			
EM36I			
EM36J	Miscellaneous		
EM37	Glen Canyon Dam		
EM37A	Site before construction		
EM37B	Construction		
EM37C	Operation		
EM37D	Equipment		
EM37E	Effects of operation		
EM37F	Demonstrations		
EM37G			
EM37H			
EM37I			
EM37J	Miscellaneous		
EM38	Davis Dam		
EM38A	Site before construction		
EM38B	Construction		
EM38C	Operation		
EM38D	Equipment		
EM38E	Effects of operation		
EM38F	Demonstrations		
EM38G			
EM38H			
EM38I			
EM38J	Miscellaneous		

EM39 – EM45	OPEN SUBSERIES – NOT USED		
EM46	Railroad		
EM46A	Site before construction		
EM46B	Construction		
EM46C	Operation		
EM46D	Equipment		
EM46E	Effects of operation		
EM46F	Demonstrations		
EM46G			
EM46H			
EM46I			
EM46J	Miscellaneous		
EM47	Communication Lines		
EM47A	Site before construction		
EM47B	Construction		
EM47C	Operation		
EM47D	Equipment		
EM47E	Effects of operation		
EM47F	Demonstrations		
EM47G			
EM47H			
EM47I			
EM47J	Miscellaneous		
EM48	Transmission Lines		
EM48A	Site before construction		
EM48B	Construction		
EM48C	Operation		
EM48D	Equipment		
EM48E	Effects of operation		
EM48F	Demonstrations		
EM48G			
EM48H			
EM48I			
EM48J	Miscellaneous		
EM49	Miscellaneous		
<i>Nuclear</i>			
EM50 – EM69	OPEN SUBSERIES – NOT USED		
<i>Smelters</i>			
EM70	Clifton		
EM70A	Site before construction		
EM70B	Construction		
EM70C	Operation		
EM70D	Equipment		
EM70E	Effects of operation		
EM70F	Demonstrations		

EM70G			
EM70H			
EM70I			
EM70J	Miscellaneous		
EM71 – EM89	OPEN SUBSERIES – NOT USED		
<i>Other</i>			
EM90 – EM129	OPEN SUBSERIES – NOT USED		
Land Use – The order of topics listed under each heading is the same as that for “Energy – Industrial”			
<i>Forestry – Listed by area and/or specific project</i>			
EM130 – EM149	OPEN SUBSERIES – NOT USED		
<i>Mining – Listed by specific mining operation</i>			
EM150	Black Mesa		
EM150A	Site before construction		
EM150B	Construction		
EM150C	Operation		
EM150D	Equipment		
EM150E	Effects of operation		
EM150F	Demonstrations		
EM150G			
EM150H			
EM150I			
EM150J	Miscellaneous		
EM151 – EM169	OPEN SUBSERIES – NOT USED		
<i>Reclamation – Listed by specific project</i>			
EM170 – EM189	OPEN SUBSERIES – NOT USED		
<i>Recreation – Listed by specific project and/or area</i>			
EM190	Flagstaff		
EM190A	Site before construction		
EM190B	Construction		
EM190C	Operation		
EM190D	Equipment		
EM190E	Effects of operation		
EM190F	Demonstrations		
EM190G			
EM190H			
EM190I			
EM190J	Miscellaneous		
EM191 – EM219	OPEN SUBSERIES – NOT USED		
<i>Housing and Commercial Developments – Listed by area</i>			
EM220	Flagstaff region		
EM220A	Site before construction		
EM220B	Construction		
EM220C	Operation		
EM220D	Equipment		

EM220E	Effects of operation		
EM220F	Demonstrations		
EM220G			
EM220H			
EM220I			
EM220J	Miscellaneous		
EM221	Sedona region		
EM221A	Site before construction		
EM221B	Construction		
EM221C	Operation		
EM221D	Equipment		
EM221E	Effects of operation		
EM221F	Demonstrations		
EM221G			
EM221H			
EM221I			
EM221J	Miscellaneous		
EM222	Verde Valley		
EM221A	Site before construction		
EM221B	Construction		
EM221C	Operation		
EM221D	Equipment		
EM221E	Effects of operation		
EM221F	Demonstrations		
EM221G			
EM221H			
EM221I			
EM221J	Miscellaneous		
EM223			
EM224			
EM225	Northern Arizona – general		
EM225A	Site before construction		
EM225B	Construction		
EM225C	Operation		
EM225D	Equipment		
EM225E	Effects of operation		
EM225F	Demonstrations		
EM225G			
EM225H			
EM225I			
EM225J	Miscellaneous		
EM226	Phoenix region		
EM226A	Site before construction		
EM226B	Construction		
EM226C	Operation		

EM226D	Equipment		
EM226E	Effects of operation		
EM226F	Demonstrations		
EM226G			
EM226H			
EM226I			
EM226J	Miscellaneous		
EM227	Tucson region		
EM227A	Site before construction		
EM227B	Construction		
EM227C	Operation		
EM227D	Equipment		
EM227E	Effects of operation		
EM227F	Demonstrations		
EM227G			
EM227H			
EM227I			
EM227J	Miscellaneous		
EM228			
EM229			
EM230	Southern Arizona – general		
EM230A	Site before construction		
EM230B	Construction		
EM230C	Operation		
EM230D	Equipment		
EM230E	Effects of operation		
EM230F	Demonstrations		
EM230G			
EM230H			
EM230I			
EM230J	Miscellaneous		
EM231	Utah		
EM231A	Site before construction		
EM231B	Construction		
EM231C	Operation		
EM231D	Equipment		
EM231E	Effects of operation		
EM231F	Demonstrations		
EM231G			
EM231H			
EM231I			
EM231J	Miscellaneous		
EM232	Colorado		
EM232A	Site before construction		
EM232B	Construction		

EM232C	Operation		
EM232D	Equipment		
EM232E	Effects of operation		
EM232F	Demonstrations		
EM232G			
EM232H			
EM232I			
EM232J	Miscellaneous		
EM233	New Mexico		
EM233A	Site before construction		
EM233B	Construction		
EM233C	Operation		
EM233D	Equipment		
EM233E	Effects of operation		
EM233F	Demonstrations		
EM233G			
EM233H			
EM233I			
EM233J	Miscellaneous		
EM234 – EM239	OPEN SUBSERIES – NOT USED		
<i>Agriculture</i>			
EM240	Ranching		
EM240A	Site before construction		
EM240B	Construction		
EM240C	Operation		
EM240D	Equipment		
EM240E	Effects of operation		
EM240F	Demonstrations		
EM240G			
EM240H			
EM240I			
EM240J	Miscellaneous		
EM241	Farming		
EM241A	Site before construction		
EM241B	Construction		
EM241C	Operation		
EM241D	Equipment		
EM241E	Effects of operation		
EM241F	Demonstrations		
EM241G			
EM241H			
EM241I			
EM241J	Miscellaneous		
EM242 – EM249	OPEN SUBSERIES – NOT USED		
EM250	Soil Erosion		

EM250A	Site before construction		
EM250B	Construction		
EM250C	Operation		
EM250D	Equipment		
EM250E	Effects of operation		
EM250F	Demonstrations		
EM250G			
EM250H			
EM250I			
EM250J	Miscellaneous		
EM251 – EM269	OPEN SUBSERIES – NOT USED		
Pollution – All photos relating to pollution which are not filed under specific industries (all are listed by area)			
<i>Controls</i>			
EM270 - EM279	OPEN SUBSERIES – NOT USED		
<i>Air</i>			
EM280	Four Corners region		
EM281	Phoenix region		
EM282	Winslow region		
EM283 – EM289	OPEN SUBSERIES – NOT USED		
<i>Water</i>			
EM290 – EM299	OPEN SUBSERIES – NOT USED		
<i>Soil</i>			
EM300 – EM319	OPEN SUBSERIES – NOT USED		
Transportation – The order of topics under each highway, railroad, airport, etc... is the same as that for Beeline Highway			
<i>Roads and Highways – Listed by highway</i>			
EM320	Beeline Highway		
EM320A	Prior to construction		
EM320B	Construction		
EM320C	Usage after construction		
EM320D	Effects of construction		
EM320E			
EM320F			
EM320G			
EM320H	Miscellaneous		
EM321	Black Canyon Highway (I-17)		
EM322	Page		
EM323 – EM339	OPEN SUBSERIES – NOT USED		
<i>Railroads – listed by railroad</i>			
EM340	Salt River Project Railroad		
EM341	Black Mesa Railroad		

EM342 – EM359	OPEN SUBSERIES – NOT USED		
<i>Airports – listed by airport</i>			
EM360	Pulliam Airport, Flagstaff		
EM361 – EM399	OPEN SUBSERIES – NOT USED		
<i>Population – Listed by area</i>			
EM400 – EM419	OPEN SUBSERIES – NOT USED		
<i>Resources</i>			
EM420 – EM439	OPEN SUBSERIES – NOT USED		
Water – All photos related to general use and disuse, quality, etc... of water (listed by water source and/or area)			
EM440	Colorado River		
EM441	Phoenix River		
EM442 – EM459	OPEN SUBSERIES – NOT USED		