



RCA Television Test Pattern
1939

Shift

Indian Country's Changing Landscape: Decolonial Data-Visualizations



Wayne Booth Marci

2015 Esri User Conference, July 21st



John Gast's *American Progress* 1872

“[The United States] nation was born in genocide when it embraced the doctrine that the original American, the Indian, was an inferior race. Even before there were large numbers of Negroes on our shores, the scar of racial hatred had already disfigured colonial society. From the sixteenth century forward, blood flowed in battles of racial supremacy. We are perhaps the only nation which tried as a matter of national policy to wipe out its indigenous population. Moreover, we elevated that tragic experience into a noble crusade. Indeed even today we have not permitted ourselves to reject or to feel remorse for this shameful episode. Our literature, our films, our drama, our folklore all exalt it.”

-- *Dr. Martin Luther King Jr.*

Osama Bin Laden: **Dead**

May 2nd, 2011

May 3rd, 2011

1030pm **1045pm**
Twitter TV News

10am
40, 000 blog posts
2.2 Million Tweets



Many People to One Media



Many Media to One Person

1940

2015

Memory Map

WISCONSIN A Dakota Place

bdote
memorymap

We Are Home

Dakota Greeting

Witakuyepi Witomni!
 This site is designed to help you understand more about the Dakota people's relationship to Minnesota. To make it easier for you to find a traditional site, we have created a "Dakota Greeting" map, which is a map of Minnesota and Dakota. It shows the location of traditional sites and the names of the people who live there.

SHARON DANIEL

INTERACTIVE DOCUMENTARY PARTICIPATORY VIDEO

7165° N
64.4822° W

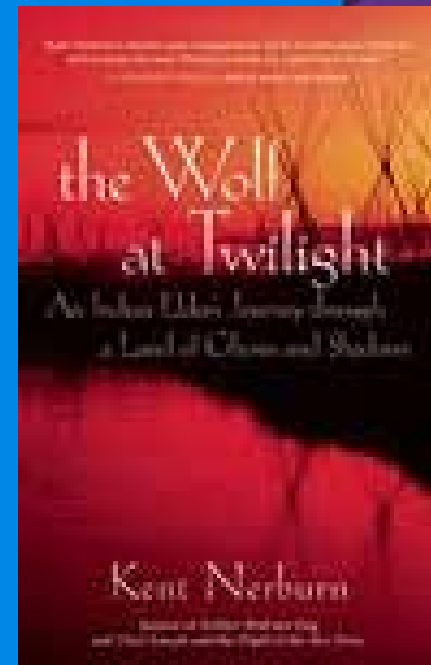
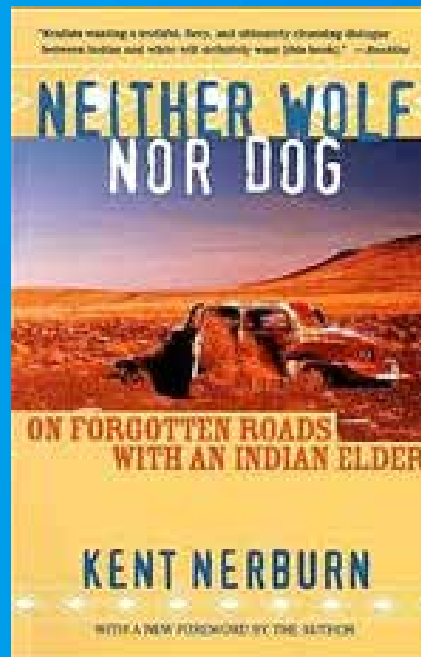
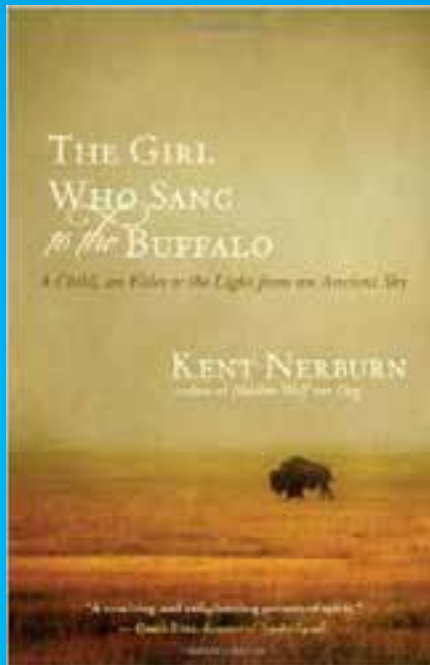
Lakhól'iya Owáakhiye Othí
 Learn to Read, Write and Speak Lakota

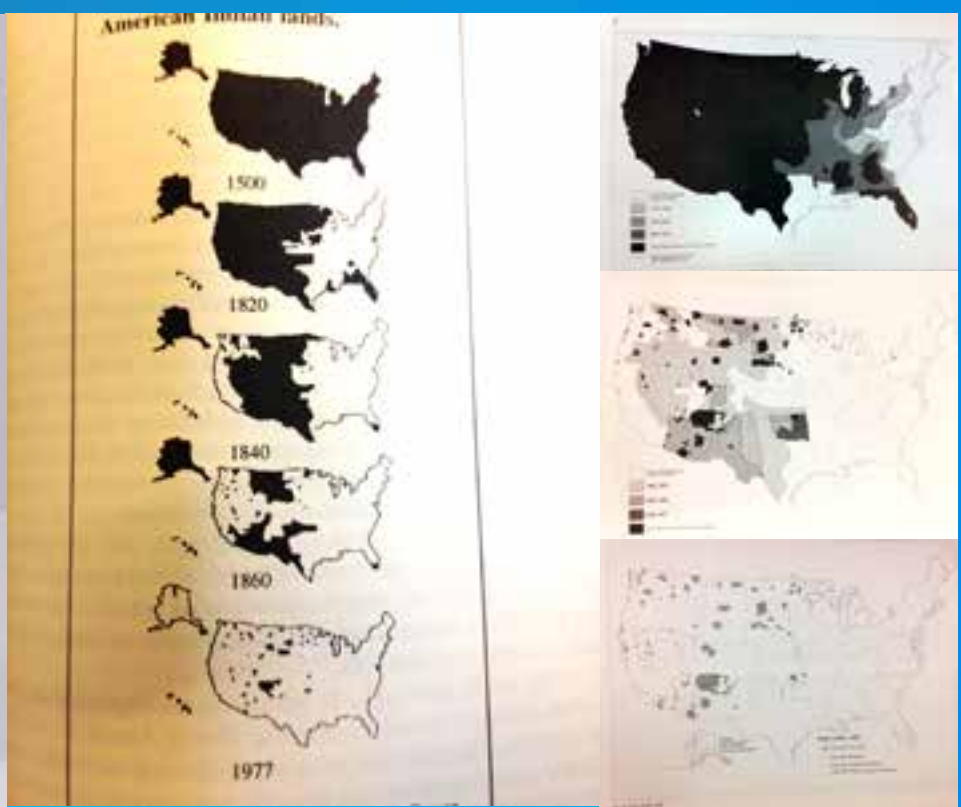
TRIBAL NATIONS MAP
 TRADITIONAL NAMES & LOCATIONS

MAPPING NATIVE AMERICA: CARTOGRAPHIC INTERACTIONS BETWEEN INDIGENOUS PEOPLES, GOVERNMENT AND ACADEMIA
 Volume 1: Cartography and the Government
 Daniel G. Cole and Imre Sutton, eds.

NEVER ALONE
 (CISHA INHITCHUNA)

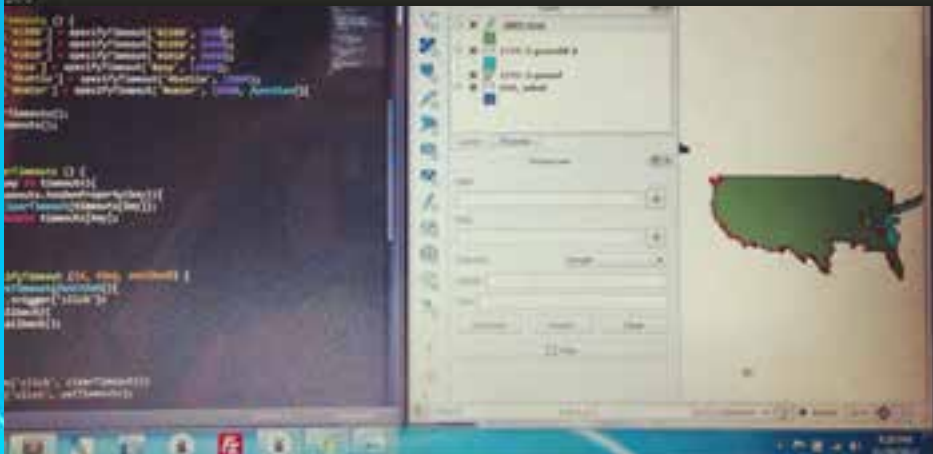
“
to us, American history is how the
big sea became little ponds.”
”

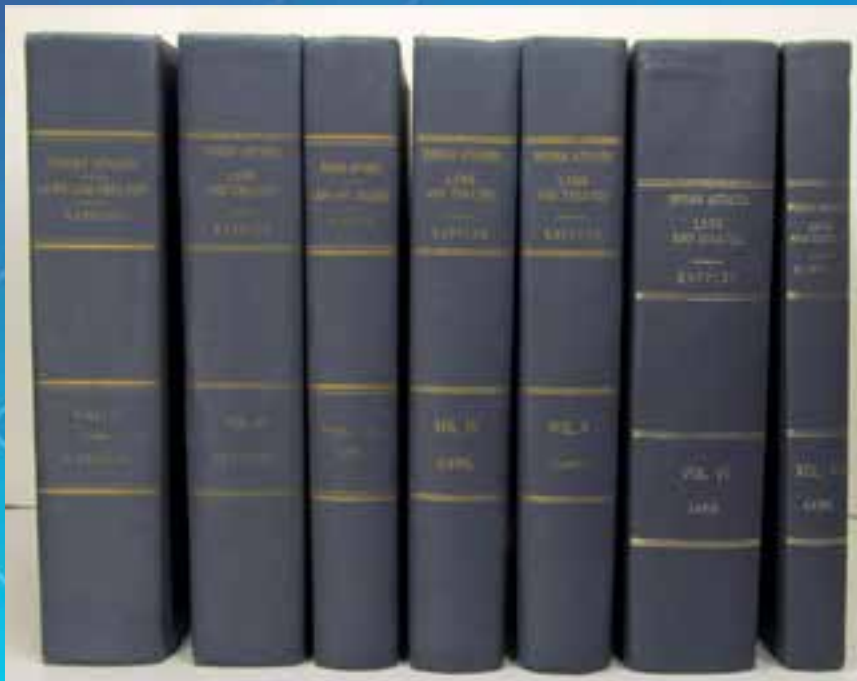






```
662 $('map').on('click', 'popup .cycle a', function() {
663     var $slideshow = $('slideshow'),
664         $newSlide;
665
666     if ($this.hasClass('prev')) {
667         $newSlide = $slideshow.find('.active').prev();
668         if ($newSlide.index() = 0) {
669             $newSlide = $('image').last();
670         }
671     } else {
672         $newSlide = $slideshow.find('.active').next();
673         if ($newSlide.index() < 0) {
674             $newSlide = $('image').first();
675         }
676     }
677 }
```





Bureau of Indian Affairs (BIA) Names	Indigenous Names	Meaning	Lat	Long
Nezang Rancheros, California			40.506413	-122.387071
Red Lake Band of Chippewa Indians, Minnesota	Anishinabe		47.870345	-95.205845
Red Cliff Band of Lake Superior			46.854130	-90.704360
Ramona Band of California	Yavaii			
Quileute Tribe of the Quileute Reservation (Quinalt Indian Nation)			49°04'N	124°00'W
Quechan Tribe of the Fort Yuma Indian Reservation, California & Arizona	Kwá'lan	Coming Off a+	34.045291	-111.080734
Quartz Valley Indian Community of the Quartz Valley Reservation of California			36.750201	-119.475524
Pyramid Lake Paiute Tribe of the Pyramid Lake Reservation, Nevada	Nump	The People	39.476412	-118.387852
Payakup Tribe of the Payakup Reservation	ᑭᑭᑭᑭᑭᑭ	Those Who are of	23.6434	-122.48485


```

function getLat(address) {
    var randomer = Math.random()*5000;
    Utilities.sleep(randomer);

    if (address == "") {
        Logger.log("Must provide an address");
        return;
    }

    var geocoder = Maps.newGeocoder();
    var location;

    // Geocode the address and plug the lat, lng pair into the
    // 2nd and 3rd elements of the current range row.
    location = geocoder.geocode(address);
    // Only change cells if geocoder seems to have gotten a
    // valid response.
    if (location.status == "OK") {
        lat = location["results"][0]["geometry"]["location"]["lat"];
    }
    return lat;
}

function getLon(address) {
    var randomer = Math.random()*5000;
    Utilities.sleep(randomer);

    if (address == "") {
        Logger.log("Must provide an address");
        return;
    }

    var geocoder = Maps.newGeocoder();
    var location;

    // Geocode the address and plug the lat, lng pair into the
    // 2nd and 3rd elements of the current range row.
    location = geocoder.geocode(address);
    // Only change cells if geocoder seems to have gotten a
    // valid response.
    if (location.status == "OK") {
        lng = location["results"][0]["geometry"]["location"]["lng"];
    }
    return lng;
}
    
```




Shift

Indian Country's Changing Landscape

Original maps produced by Smithsonian Cartographer, Dan G. Cole for the *Handbook of North American Indians* (vol 7)

Indigenous names and meanings researched by Native Cartographer, Aaron Carapella

War data parsed from *Legends of America*

Treaty data parsed from *Indian Affairs: Laws and Treaties* archived by Oklahoma State University

Created by Wayne Booth Marci
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Treaties:  Wars: 