



**INTEGRATING CYBERCARTOGRAPHY AND  
CYBERNETICS IN THE CIRCLE OF ALL NATIONS  
INDIGENOUS MAPPING EXEMPLAR OF WILLIAM  
COMMANDA.  
2021 ICC**

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# INDIGENOUS MAPPING

## TURTLE ISLAND GREAT MYSTERY'S CREATION

— ADAPTED FROM CAN 2004 PRESENTATIONS

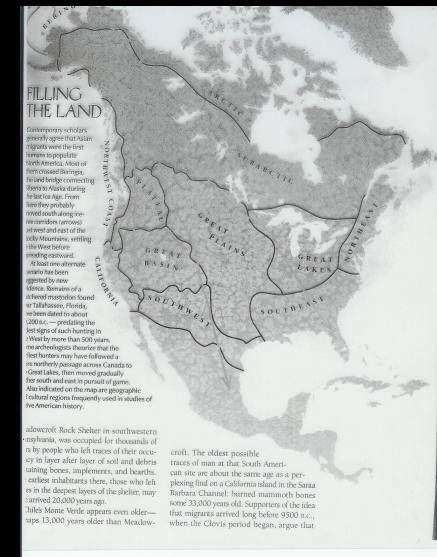
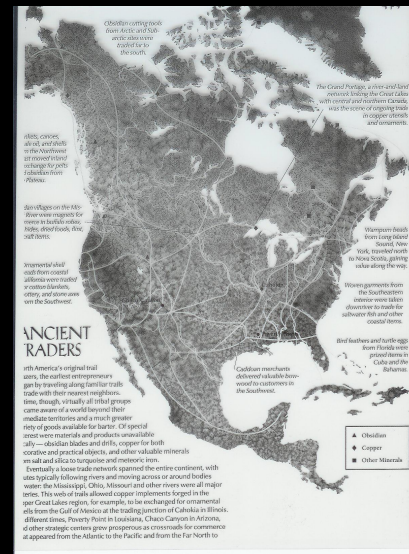


Yoshi Turtle - Purposeful movement on land and water

<https://www.asinabka.com/Archives/2020-08-16%20Yoshi%20Loggerhead%20Turtle%20Photo%20Collage.pd>



Artist Arnold Jacob's interpretation



Mamiwiniwini Travelling freely across Turtle Island

North America as we call it now



# WILLIAM COMMANDA, INDIGENOUS ELDER, WAMPUM CARRIER, HON PHD, OFFICER OF THE ORDER OF CANADA



THE LEGACY OF ALGONQUIN ELDER  
L'HÉRITAGE DE L'AÎNÉ ALGONQUIN

*Dr. William Commanda, OC*

11.11.1913 - 03.08.2011

*"We must come together  
with one heart, one mind, one love,  
and one determination to create  
A Circle of All Nations  
A Culture of Peace."*

*"Nous devons nous unir avec un seul  
cœur, une seule âme et une volonté  
pour créer un cercle de toutes les  
nations et une culture de paix."*



A CIRCLE OF ALL NATIONS  
A CULTURE OF PEACE

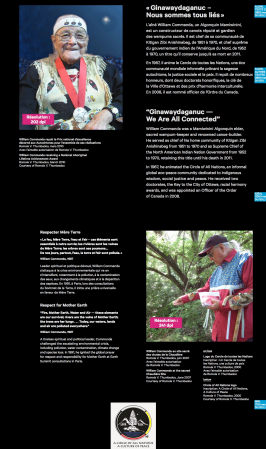
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# WHO IS WILLIAM COMMANDA?

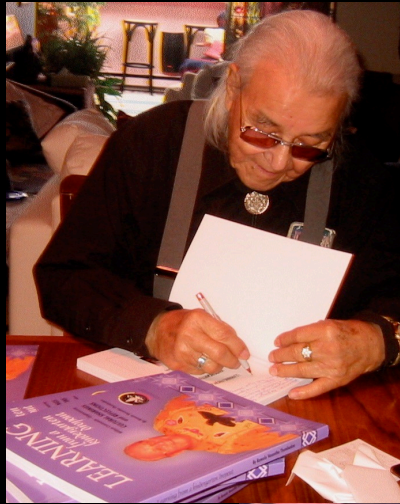
- Carrier of sacred **Wampum** heritage of the Algonquins
- Renowned birch bark **canoe maker** and craftsman
- **Political Algonquin leader**, elder, chief, chief the North American Indigenous Nations Government
- Founder of the **Circle of All Nations, a global eco-peace community** dedicated to advancing environmental stewardship and racial harmony
- **Officer of the Order of Canada** and recipient of two **honorary doctorate degrees**
- University of Ottawa Chancellor Michaele Jean (GG) created **Commanda Hall Carleton, Ojigkwanong Centre** in recognition of his relevance to **academic knowledge- 2014;**
- **Canadian History Hall : Commanda panel and message**

William Commanda, Ojigkwanong  
(Étoile du matin – Morning Star)



# KINDERGARTEN DROPOUT, PEACE (LMT), MOTHER EARTH (VI), HON PHD CIRCLE OF ALL NATIONS (CAN) BRIDGE TEACHING AND LEARNING APPROACHES

Indigenous Wisdom.



Peace.



Prayer for Land.



Knowledge.





# WILLIAM COMMANDA, CIRCLE OF ALL NATIONS (CAN) AND SUSTAINABLE RELATIONSHIPS

## CORE CAN THEMES

### • IDEOLOGICAL FOUNDATIONS

- Canoe/Kayak Journeys
- Sustainable Relations
- Laws of Nature and Human Animals
- Nature/Tectonic Abrasion/Evolution/Peace
- Circle of All Nations Bridge Building
- Kindergarten Dropout PhD and OC
- Spiritual Trajectory to Knowledge
- 2020 Digital Mapping Retrospective and Reflection
- GINAWAYDAGANUC UBUNTU – All is Related
- CAN Sustainable Relations Goals for a Culture of Peace

### • ANIMATIVE ACTIONS

- 1945 Activism and Politics – as in Civil Rights!
- 1967 Canada 100; Eganville Gathering
- 1969 Gathering: Kitigan Zibi/Bitobi Lake
- National to Global – 1987, 1991, 1993 – ME and CC
- Agenda 21: Sustainable Development \*1
- Sunbow Five Walk 1995 /96
- 1996 RCAP Report – Who will Drink the Water?\*
- 1996 .... CAN Gatherings and Non-stop Outreach
- 2000 GlobalEcoPeace Posters and Gathering
- 2006 Waterlife Workshop; Sustainable Relations\*2
- 2003 - Asinabka Vision for Sacred Chaudiere Site
- 2012 ... GWC and CAN in ACADEMIA – Bridge Building and Global Outreach

# ORGANIC MOTIONAL IDENTITY MAMIWININI

- I am **Mamiwinini** – “We travel every day” – I move, I think, I am
- *Body in Motion* and *Cosmic Being* are critical for cognitive functioning and are indoctrination are reinforced by ceremonial and orality
- Reservations deprive people of this “brain powering by” enforcing locational boundaries
- But William Commanda was **Body in Motion – unconfined and borderless**
- **Canoe was his Teaching Tool and metaphor for the Journey of Life** An illustrative example: Ignited fight for Species at Risk protection of the migrational **American Eel** in 2008 - <https://www.pinterest.co.uk/pin/460704236855661093/> (History and Eels at Minute 2.22)
- This theme of motion was re-presented and profiled in the 2017 International Anthropology Conference at University of Ottawa as inspired by W. Commanda

## ANCESTRAL HOME ON LAC COMMANDANT , QUEBEC, CANADA

“A Man is Walking:  
*Mamiwinini - a body in  
motion*”

Mary Daisy Commanda  
Jacko, direct descendant of  
Piwanokwe, the earliest  
known inhabitant of Indian  
Island on Lac Commanda

(the ancestral grandmother  
from 1760)

Personal conversation,  
upon examining a  
Papineau sketch map in  
William Commanda's  
archives.





# CANOE AND CYBERNETIC STEERING



- World renowned birch bark canoe builder – 75 canoes around the world - 1976 Festival of American Folklife, Smithsonian:
- <http://aifg.arizona.edu/film/1976-festival-american-folklife-5-algonkin>
- Navigational *Cybernetic* methodological teaching tool examined in 2018 Thumbadoo thesis
- 2019/20 reiterative canoe storytelling with Jan Skamby Marsden, then Director, Roskilde Museum re:1981 canoe making project via FB Live Video  
Check out <https://www.youtube.com/watch?v=jwMBJI7sBIc> at 3.11.00 – 3.29.17
- 2007 *Good Enough for Two Canoe Making Documentary* excerpt  
<https://www.youtube.com/watch?v=JARzmp9pQPI>
- Environmental immersion and stewardship and Paddle for Peace events at the Sacred Chaudiere Site
- Canoe as iconographic semiotic motional signifier
- Movement, Knowledge Generation and the Journey of Life

# POLITICAL LOCATIONAL MAPPING – 1945

## THE NORTH AMERICAN INDIAN NATIONS GOVERNMENT

The Government of the  
North American Indian Nation




In Their Interests—

The Directors of this provisional National Indian Government appeal to all the Indians who want to see their rights and privileges protected and their freedom recovered; you must give your full support immediately to the Directors of this National Indian Government without fear and hesitation.

Every Indian understand and knows that he has rights and privileges, and the reason why they are not respected is because you are not united and not administrate by Indian Directors; but today we ask you to unite around the same National Indian Flag, and this National Indian Government will take the full responsibility to have your rights and privileges respected and to obtain the Freedom of the whole Indian Nation; but has long the Indian people unite together; the way to unite together around the same National Indian Flag is by obtaining your Indian Identification Card and to learn how to stand erect its to call for the New Indian Law Book: same by this National Indian Government.

**The North American Indian Nation**  
**GOVERNMENT** 11 NOV 1945  
This identification card indicates that

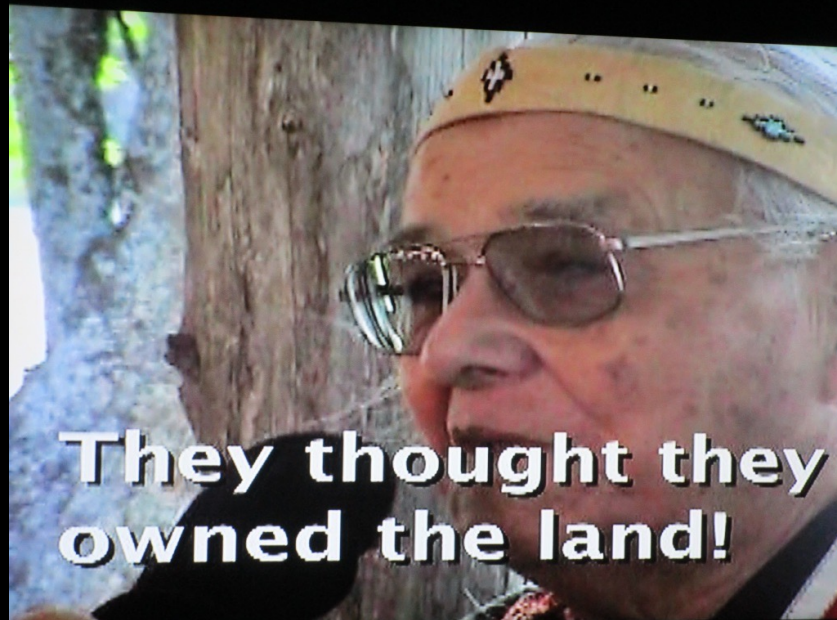
 File No. 42.

Mrs. William Bonneau  
is a member of the Maniwaki band of the Algonquin  
Date and year of birth 11 November in 1916. 1916  
The County which he reside Gatineau district  
The Province of Quebec The County of Canada  
made by Jules Sioui, sec.  
Box 4,  
JULES SIOUI  
SEC.  
Box 4 – Loretteville  
Quebec, P.Q., Canada





**1492 - COLUMBUS ARRIVES WITH POPE  
ALEXANDER VI BULLS AND EDICTS**





# INDIGENOUS MOMENTUM

- In 1967, Canada's 100 birthday, William Commanda pointedly hosted an International Gathering in Eganville Ontario and welcomed people to his **Territory**
- In 1969, he hosted an Indigenous Gathering of people from across North America at his home in Quebec
- When Canada, the Colony of Britain, brought the "Constitution" and "Charter of Rights and Freedoms" home in 1982, it was working hard to reconcile its early newcomer settler colonizer roots with its French/English history of conflict and rivalry, to be assuaged with Bilingualism, and, with its post World War II larger European and growing multicultural immigrant community, to be included by a new Multiculturalism Act – but the problem with the First Inhabitants of the Land now emerged as a big challenge
- William Commanda and Jules Sioui were key architects of the North American Indigenous Nations Government initiated in 1945; it sparked the civil rights movement in the United States and elsewhere, and the awakening of the Indigenous voice in North America

# **THE WELCOME OF THE ALGONQUIN PEOPLE OF THE EASTERN SEABOARD TO THE NEWCOMERS**

Re-Affirmed in 1968



And Repeatedly Thereafter



# WELCOME TO ALL OTHERS, INCLUDING GLOBAL LEADERSHIP

His Holiness, Dalai Lama    President Nelson Mandela    The Queen Elizabeth

Welcome in Montreal - Ancestral Home



Welcome: Human Rights Tribute Ottawa



Welcome with Coronation Medallion 1952







# Sunbow Five Walk

25<sup>th</sup> Anniversary Commemorative Poster of the Journey



***"I told them that it was time. I told them to look around the world at the floods, the earthquakes, the unexplained diseases, the hatred, and all of that. I told them it was time to walk."***

- Grandfather William Commanda PhD, DC, Wampum Belt Carrier, Canoe Maker, and Founder of Circle of All Nations

The Sunbow Five Walk for the Earth was a spiritual pilgrimage from east to west on Turtle Island (North America) to reenergize the land that had witnessed bloodshed and to awaken the 8<sup>th</sup> Fire, consistent with the Seven Fires Prophecy presented in the 1400s Wampum Belt that Grandfather Commanda carried. The Walk commenced at First Encounter Beach on the Atlantic Coast. Amongst the Anishinabe, there were seven prophets who each shared messages about the future. The 7<sup>th</sup> prophet spoke of people facing the choice of two paths, interpreted as that of materialism and spirituality, which we currently face globally. Should the road of spirituality and respect be chosen, this would ignite an 8<sup>th</sup> Fire that precludes an era evolving around forgiveness and caring. In the early 1990s during the 7<sup>th</sup> Fire, Grandfather Commanda saw this as an opportunity to kindle the 8<sup>th</sup> Fire. The 225 days that spanned the Walk in 1995 and 1996 saw a multiracial and multispiritual group of 7 to over 200 walkers journey from First Encounter Beach, Cape Code, MA to the Western Gate at Point Conception, near Santa Barbara, CA. Tom Dostau plotted the route. The word 'Sunbow' refers to a natural phenomenon of full rainbow circle appearing around the Sun and a symbol of hope, while the number 5 refers to the five colours of human beings (Yellow, Red, Black, White and Brown). Naoko Hitomi photographed a cloud feather of hope in the Sky.

There were a few events that led up to the walk that were seen as signals. On the international stage, Grandfather Commanda led a small Algonquin delegation alongside six other Native American groups to the first UN Conference on Indigenous Peoples in 1993, which they called the Cry of the Earth. However, when Grandfather saw the lack of understanding of the united message presented, he saw it as a sign to organize a prayer walk to reach out to the people directly. Furthermore, in August 1994, another sign of the chaotic and confused nature of the era requiring a walk to raise awareness and unite people, appeared in the form of a white buffalo calf. These two events amongst other symbols and visions that appeared to individuals, increased the urgency for the Sunbow Five Walk.

The 3,700-mile pilgrimage welcomed people of various walks of life for different lengths of time. The group passed through several places of conflict including the Pequot Massacre (1<sup>st</sup> Indigenous war in North America), the Trail of Tears, and Martin Luther King Jr.'s Assassination; as well as sites of intense environmental damage such as Acushnet River with toxic substances like PCBs and Mount Taylor's uranium mine. At these locations, ceremonies and prayers were held to bless the land, water bodies, and living beings, while also praying for forgiveness. There were also individuals, First Nations tribes, and environmental, religious, and social justice groups who meet with the walkers to share their stories, history, and teachings. As foreseen by Grandfather in a vision he sketched at the beginning of the Walk, tensions arose in the form of leadership, gender inequality, and high physical and emotional stress. This led to three factions that struggled to both dominate and unite. For many the Walk remains an evolving journey. The spiritual pilgrimage concluded in Santa Barbara, the site of the most notorious of missions, Grandfather's daughter, Evelyn Dewache, and Chumash leader Liz Dominguez, immersed the Seven Fires Prophecy Wampum Belt in the Pacific Ocean. The walk resulted in increased communication, awareness, and respect for Mother Earth and all living beings while spawning many other walks globally for years to come and the next Commanda influential activity, the Annual Spiritual Gatherings, at his home on Bitobi Lake, from 1996 to 2011.

***"You must walk together and you must forgive and love each other. It is the only way that this walk can work. You must make a sacrifice. Even if someone has done something wrong, love them. You cannot cast them out of the circle. That is not the way."***

- Grandfather William Commanda PhD, DC, Wampum Belt Carrier, Canoe Maker, and Founder of Circle of All Nations

Reference: [Odyssey of the 8th Fire](#) (Steven McFadden) and William Commanda's Archives (R.V. Thumadoo)

# ON THE ACADEMIC SCENE

## Cosmic Laws of Nature

Learning  
Sharing  
Teaching for  
Animative  
Earth affirmative  
Knowledge  
Generation in a  
World on fire  
And drowning



## NATURE THE TEACHER

Cosmic, Rocks, Water, Plants, Animals - and Reflexivity

We have thousands of images of the multiple faces of Nature. I say that I take these photographs to acknowledge the lessons the emerge from engaging relationally with the Laws of Nature; it is my equivalent of the tobacco or copper William Commanda would offer nature in exchange for spruce roots or birch bark. It engenders reciprocity.

See Romola's NATURE CAN TEACH PAGE ON FACEBOOK!



## PERPETUAL LEARNER

TIRELESS TEACHER

My central argument now is that a better understanding and integration of William Commanda's ideas and approach to teaching and knowledge generation are of critical importance today. He learned via multiple sources and taught in complex and extremely effective ways. References to him on social media from people across the globe right into 2018 affirms the extensiveness and persistence of his *Circle of All Nations* discourse

[www.circleofallnations.ca](http://www.circleofallnations.ca) [www.asinabka.com](http://www.asinabka.com)

# **CLIMATE CHANGE, COVID BORDERLESSNESS, THE TIPPING POINT AND DIGITAL GLOBAL VILLAGE**

- Global Warming, Extreme Weather, Climate Change, Extinction of Species and 2021 Tipping Point David Attenborough iteration of what William Commanda raised in 1987 about borderlessness
- In Ottawa, unprecedented flooding of the key river that contributed to the life blood of Canada (beaver, travel routes, trees, hydro) and tornado – 2017 and 2019
- Commenced reigniting passion for friendship via launch of the Circle of All Nations Digital Global Village via monthly Facebook Live Video Events

**KEY PRIORITY – to integrate different styles in knowledge generation – from Indigenous, Grassroots, NGOS, Government and Academy**



# PHYSICAL AND MENTAL MAPPING

In the Age of Information, innovative engagement with online communications **technology** to develop

1. Semiotics and Textual Infographic **Mind Mapping**
2. **Cybercartographic** Digital Atlas Live **Archiving**; and
3. **Cybernetic** Temporal and Algorithmic Social Media **Navigation** to Animate the **Circle of All Nations Digital Global Village**

During the Spring of 2017, the National Capital Region awakened to the power of the Chaudière Falls, with the unprecedented flooding throughout the Ottawa River Watershed. On the day I delivered my written thesis, Carleton University students were challenging the National Capital Commission's colored lights show at the Leveler publication. Chaudière has remained alive in public consciousness, thanks to Grandfather's tireless efforts.

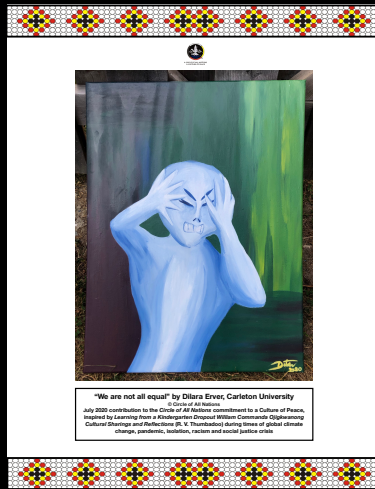
William Commanda, Spiritual Leader, and Douglas Cardinal, world renowned Architect, worked together for over two decades to develop and advance the vision for the Asinabka Victoria Island/Sacred Chaudière Site. Donald Marshall Junior, the voice for Indigenous Justice and Rights, was also actively engaged in the work. I call them our Indigenous Triumvirate - they are powerful voices on the critical global issues of our times: Indigenous rights, environment, peace, education, youth, culture, values, responsibilities, justice, art and creativity. They envisioned the fully inclusive global Asinabka eco-peace think tank conference centre at the ancient sacred meeting place.

## CYBERCARTOGRAPHY

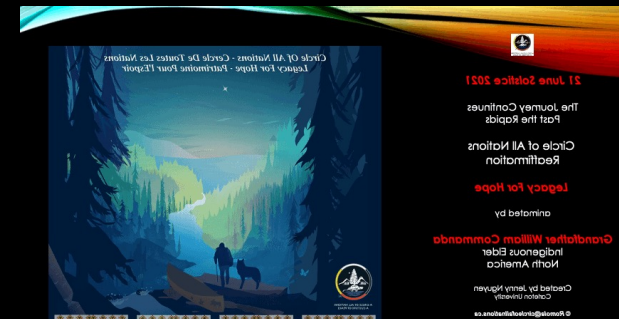
Ancient Knowledge Base and Contemporary Application

More than a decade ago, D. R. Fraser Taylor, Director of the Geomatics Cartographic Research Centre (GCRC) at the Carleton University, the academic pioneer in the field of cybercartography, wrote that this technology would see cartography applied to a much wider range of topics than had traditionally been the case: "It will also utilize an increasing range of emerging media, forms and telecommunication networks such as the Internet and the World Wide Web. It will be a multidimensional cartography using multimedia formats and is more likely to be an integral part of an information package than a stand-alone product. Cybercartography will also be highly interactive and engage the user in new ways. In organizational terms, it will see new partnerships being created between national mapping organizations, the private sector and educational institutions and the products of cybercartography are likely to be compiled by teams of individuals from very different disciplines and professional perspectives working together" (Taylor and Pinc 2009).

# TO TRANSITION FROM ONE REALITY, RETURN TO ANOTHER AND POSITION FOR AN UNCERTAIN FUTURE



A GeoCosmic Reflection created by Midaran Murugathasan for Circle of All Nations ©  
 Iconic symbols of importance to the William Commanda worldview are incorporated in this image:  
 Grandfather Noyan and Morning Star, invoking the spirit of life and the cosmic dimension;  
 Aiyin and the Sleeping Giant commemorating Earth creation in rock;  
 Aiyin, wind, movement animating water of life emerges from the oxygen rocks of the Kichissippi Ottawa River;  
 Nomadic migratory water creatures honoring ancient Manitokowahk, and Tawis Island, and  
 Canoe symbolizing the enigmatic Journey of Life  
 Romolaj@circleofallnations.ca



Semiotic, technological animation infographics created by three undergraduate students, further to research into the work of the Indigenous Elder William Commanda and Circle of All Nations – 2020/21

# Digital Global Village Face Book Live Free, Accessible, Educational Storytelling Public Gatherings with Global Reach – initiated in May 2020





# BOOKS, VIDEO AND SOCIAL MEDIA

- Prolific communications since 1997 via events, gatherings, conference, websites, blogs, books, videos and online presence
- Since the onslaught of Covid, FB technology has enabled the animation of a **CAN Digital Global Village** – and leaving a record for the public
- William Commanda remains a vibrant presence with timeless messages



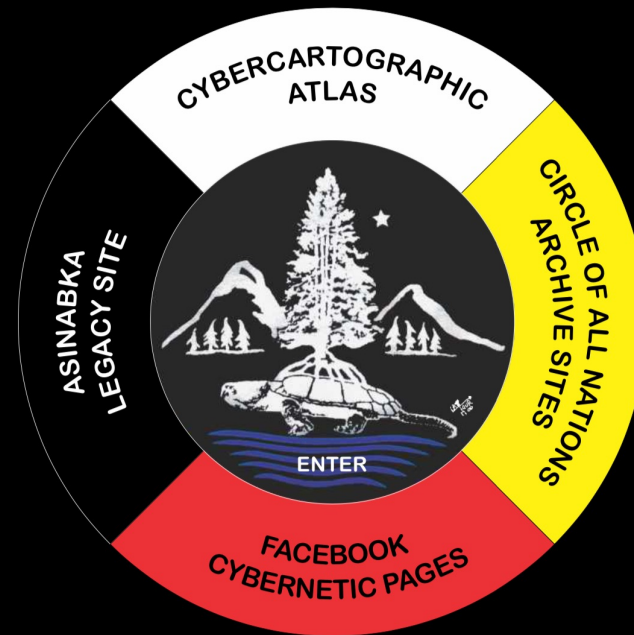
# ... AND THE 2022 ONLINE CALENDAR



William Commanda CAN TEACH Calendar  
a reflection on our academic work of the  
past decade

<https://turtlelodgetradingpost.ca/products/circle-of-all-nations-2022-calendar>

**Access All  
Through the  
Circle of All Nations  
“Metaverse”  
Landing Page,  
Developed in 2020!**



WILLIAM COMMANDA LEGACY  
**A CIRCLE OF ALL NATIONS**  
GLOBAL ECO PEACE COMMUNITY

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Commanda Legacy Asinabka, Romola's Nature CAN TEACH

Thumbadoo, R.V. (2018). *Ginawaydaganuc and the Circle of All Nations: The Remarkable Environmental Legacy of Elder William Commanda* PhD Thesis. Ottawa. Carleton University. <https://curve.carleton.ca/aa4e3cbb-5b83-464d-8286-a901fcd77b06>