Interweaving in/on the Air: A Scripted Synthesis of Indigenous and Settler Knowledges for Environmental Protection in Resource Development

Geo Takach

Abstract
The ever-rising threat of environmental catastrophe and the continuing displacement, dishonor, and attempted erasure of Indigenous Peoples and their traditional lands are linked by capitalism’s externalizing the costs of conquest, whether ecological or human. This work investigates efforts to address these intertwined issues of social, economic, and environmental justice through interweaving Indigenous and settler ways of knowing in resource-development projects in Canada. In seeking to dramatize the need for further informed and engaged public dialogue on how to redress the twin menaces of extractivism and colonization, this arts-based research unfolds as a script for a semi-satirical radio play or podcast. Here, our researcher seeks to explain research findings and advance environmental protection and decolonization on a radio talk show, only to be confronted by a skeptical host and a battery of opinionated guests reflecting real-world challenges to those two emancipatory goals. We close with a brief methodological reflection.

Keywords
environmental protection, resource development, Indigenous relations, colonization, arts-based research

The most banal background MUZAK imaginable starts us off. We hear PACING FOOTSTEPS. Our researcher, GEO, takes a DEEP BREATH and begins.

GEO: I’m in the green room, waiting to be interviewed on live radio. Low stakes, right? I mean, who listens to radio anymore? Especially during the playoffs.

ANNOUNCER: This just in. Tonight’s big game is postponed due to yesterday’s flooding. But don’t worry! Coming up is our top-rated program, AQUA. And don’t fret if you miss it. All of our shows are archived online. Permanently.

The MUZAK cuts off.

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The MUZAK restarts in a vaguely mocking tone.

GEO: Maybe it’s too soon for this. What if they’re not ready? What if I’m not ready? Of course, it’s my job to be ready. And relevant. And accountable. As for imposter syndrome... well, I’m not sure I’m up to imposter standards.

A door CREAKS open, admitting the house WRANGLER.

WRANGLER: What’s up, doc? Wait, you are. (aside) I love my job. (full voice) Thanks for doing this on sub-zero notice.

ANNOUNCER: It’s time once again for AQUA, where you “Ask Questions, Uncork Answers!”

WRANGLER: What’s up, doc? Wait, you are. (aside) I love my job. (full voice) Thanks for doing this on sub-zero notice.

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WHISPERERS: Ask Questions! Uncork Answers!

ANNOUNCER: AQUA, where the conversation always flows.

We hear a ROARING WATERFALL.

1Royal Roads University, Victoria, British Columbia, Canada

Corresponding Author:
Geo Takach, Royal Roads University, 2005 Sooke Road, Victoria, British Columbia, Canada V9B 5Y2.
Email: geo.takach@royalroads.ca
We hear a POP akin to a champagne cork.

Bubbly Spring: bringing you nature’s finest from the renowned water-treatment program in Victoria, BC, Canada.

We hear a TOILET FLUSH.

ANNOUNCER: And now, live from our studios in beautiful downtown Colwood, here’s our host, Myrtle Highland.

MYRTLE: Welcome, everyone. Like our proud sponsor, we understand the value of a good brand in the world’s most exciting place, the marketplace. A global Olympic village, if you will, where some 200 nations compete for a finite supply of trade, tourism, and investment dollars. Although armed conquest worked well enough to determine who’s boss in centuries past, the big lever today is “soft power.”

ANNOUNCER: Soft power? Is that the electricity people’s version of soft water?

MYRTLE: Good one. Soft power is a country’s reputation and influence in the international arena. Would you want to do trade, investment, or tourism with a rogue state? Of course you wouldn’t! Let’s pause for this important word.

SUNNY VOICE: When it comes to global citizenship, it’s a great time to be Canadian. Sure, we got a bad rap from some critics for curbing federal environmental laws, muzzling scientists, and being the first to pull out of the Kyoto Accord. And we’ve had our wrist slapped well enough to determine who’s boss in centuries past, the big lever today is “soft power.”

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ANNOUNCER: Soft power? Is that the electricity people’s version of soft water?
We hear a TAP CREAK OPEN and LIQUID GUSH OUT.

MYRTLE: Next up: Pudray from Portage La Prairie. (CALLER) PUDRAY: So what does “Indigenous knowledge” mean, exactly? There are, like, 634 First-Nations communities in Canada today, with “more than 50 distinct nations and language groups” (Assembly of First Nations, n.d.). Different land bases, different history, different culture. How can you lump them all together?

MYRTLE: You didn’t get the memo on call-muting?
GEO: Some voices have been muted long enough. (into phone) Thanks for calling in, Sam. Even if you are a thinly dramatized composite of my respectful reading of literature from Indigenous scholars and authors, and their allies.
SAM: (through phone) No sweat. Pudray is right, there’s lots of diversity. But we can find some general commonalities, just like we can for Western, consumer societies (Voyageur et al., 2015). Even Indigenous and settler knowledges have some things in common. They both seek the truth, and they both emerge from their own contexts. But they’re also deeply different (Bohensky & Maru, 2011).
GEO: Settlers have tried to understand the world “objectively”—by dividing it, segregating it, and putting it into
institutions and departments. Take universities: fine arts, physical sciences, nursing.

MYRTLE: Communication and culture.

SAM: (through phone) Sure. But Indigenous cultures tend to be more holistic. They focus on connections and shared relationships among all things, both living and non-living (Umeek, 2005).

MYRTLE: Did he say “non-living?”

SAM: (through phone) Yup. And knowledge is seen as subjective, not universally applied to everyone. And you weigh the consequences of your actions over a long time. As is said, over seven generations—rather than, say, a four-year election cycle.

MYRTLE: Elections are important, too!

GEO: Especially when voters turn out. Running with that example, in settler society, we learn about elections in different ways.

MYRTLE: Such as?

GEO: We count votes, consider campaigns past and present, comment on them, test theories about the results, and so on. Western knowledge favors “scientific” methods of research.

MYRTLE: Let's hear from Harley in Hope.

(CALLER) HARLEY: So what the heck's wrong with science?

GEO: Nada. Bill Nye rocks! But there are other ways to learn, too.

SAM: (through phone) Indigenous knowledge can come from four sources in a place over time (Johnson et al., 2016). There's traditional knowledge, passed along through stories. There's empirical knowledge, which we get from careful observation and practice. Revealed knowledge comes from visions, rituals, and ceremonies. And contemporary knowledge, we gain through our experience, education, and problem-solving.

HARLEY: Huh. I'm not sure all of that qualifies as “scientific.”

GEO: Well, first off, who gets to define what qualifies as “science?”

MYRTLE: Everyone knows what science is.

GEO: We need to be careful when we use ways of thinking that we know, to judge those that we don’t know as well. There’s an unstated assumption there: Our way is the only route to the truth.

MYRTLE: So how does that play out on environmental issues?

SAM: (through phone) Indigenous knowledge is local and tied specifically to the land (Kunkel, 2017). Land isn’t just property; it’s an incredibly rich source for learning.

MYRTLE: Like outdoor ed, you mean.

SAM: (through phone) You could call it that. And land, air and water are seen as sources of communal knowledge, not private profit.

HARLEY: So now you’re saying the rest of us are out to rape the Earth?

GEO: Settlers have created a different relationship with the Earth. Western society—which tends to focus more on the individual than the collective—mostly sees people as separate from nature (Umeek, 2005). Whether we romanticize it, conquer it, or consume it.

We hear the REVVING of an engine in the background.

HARLEY: Not me. I’m out enjoying nature right now, on my quad. See ya.

Harley's phone CLICKS off.

GEO: Thanks, Sam.

SAM: Hey, it’s your imagination. But get an Indigenous co-writer next time, okay?

MYRTLE: And now, this.

MELLOW VOICE: Clean water is a fundamental human right. One that we can take for granted in this great country. The Canadian government is working hard to keep our three coastlines clean for all Canadians. That water is not just a resource. It’s our lifeline. One that will last a whole lot longer than our fragile minority government in Parliament. (pause) The Government of Canada: taking the long view—working for you—and, like our precious coastline, hanging on for dear life.

MYRTLE: We’re back on AQUA.

WHISPERERS: Ask Questions! Uncork Answers!

ANNOUNCER: AQUA: where we’re always ahead of the wave.

We hear a single, pounding ocean WAVE.

MYRTLE: Let’s take another caller. McKenna from Mississauga.

(CALLER) McKENNA: I don’t get it. How does this Indigenous knowledge fit into regular, Canadian ways?

GEO: You crushed it, McKenna. We see Indigenous People and their ways as having to “fit” into systems that we’ve built. Systems that have actually tried to destroy them. And given them abnormally high cancer rates, disastrous oil spills, poisoned water—

McKENNA: I’m not talking about destroying anyone.

GEO: Of course not. But look at the language we use. McKENNA: What now?

GEO: The biggest barrier to combining settler and Indigenous traditions may be to overcome bias—the bias of Western superiority baked into Western thinking. It’s so pervasive, it’s taken for granted (Tuhiai Smith, 2012). And it actually continues the colonizing that the TRC calls on us to acknowledge, stop, atone for, and cure.
McKENNA: I don’t feel biased. I resent what you’re implying. Canadians are tolerant and fair. A lot more than people in other places I could name.

MYRTLE: We have Quinn from Québec.

(CALLER) QUINN: Look. I’m sorry for all the awful stuff that’s happened under the Indian Act (Canada, Department of Justice, 2020b). And with the environment. But throughout history, there are always some winners and some losers. It’s just part of life.

GEO: Right? And that’s exactly the ethic that got us into the mess we’re in, whether it’s colonizing Indigenous People, or the environment. But really, colonialist thinking—that we’re better than others and can take what we want from them—has no sound basis in philosophy or morality (Maffie, 2009).

QUINN: (chuckling) Dude. We have rules. They’re called laws.

GEO: Totally. But people made those laws in Canada. Mostly White people. And people can change them.

QUINN: Reconciliation is a nice idea. But if you’re talking about a wholesale overhaul of the whole federation, it’s too big, man. Pie in the sky.

GEO: A lot of real progress starts that way. Copernicus’ theory that the sun, not the Earth, is the center of the universe. The notion that women should have the vote. The dream that a Canadian team can win the Stanley Cup again someday.

MYRTLE: Seriously?

GEO: Okay, still too soon. Um . . . go, Canucks?

MYRTLE: So remind us, how does this relate to your research on Indigenous knowledge?

GEO: If we want to fix imbalances in power, we start by reframing issues. And that’s where words come in. When you introduced me, you mentioned “integrating” settler and Indigenous knowledges. That term comes up a lot in the literature.

MYRTLE: So I’m in good company.

GEO: Certainly. But when it comes to co-managing natural resources and the environment in Canada, typically, efforts at “integrating” have absorbed one knowledge into the other (Bohensky & Maru, 2011). That is, they tried to fit Indigenous knowledge into Western ways of thinking. Or just paid it lip-service. Or used it to greenwash resource-extraction projects with token “consultations.”

MYRTLE: Let’s go to Shan from Charlottetown.

(CALLER) SHAN: Look. I’ve worked all over Canada. And I’ve seen a lot of public servants, resource companies, etcetera work awfully hard to consult with Aboriginal folks when dealing with their land.

GEO: No doubt. But even well-meant colonialism is still colonialism. And it’s probably not doing the environment any favors, either.

SHAN: These are just words. How does calling those efforts “integrating” make them more “colonialism?”

GEO: Words can be a tool for control, and furthering injustice. Like when we distinguish between “Traditional Ecological Knowledge” and “Western science,” we may be inferring that traditional knowledge is inferior because it’s not a “science” by settler standards.

MYRTLE: We’ve got to have standards.

GEO: Okay. But even Western scientists and scholars have shown, repeatedly, that they have much to learn from Indigenous knowledges (e.g., Sveiby, 2009). So your choice of words can color your entire approach (Johnson et al., 2016).

SHAN: I still think you’re splitting hairs. Okay. If “integrating” has bad karma, what term would you use, wise guy?

GEO: My colleague, Asma-na-hi, speaks to this.

We hear a DOOR OPEN, ASMA-NA-HI’s incoming FOOTSTEPS, and a CHAIR pulled across the floor.

MYRTLE: We are joined by Asma-na-hi Antoine, acknowledged earlier as a collaborator on our guest’s research.

GEO: So glad you’re here. What do you think?

ASMA-NA-HI: You started our conversation with, “How do we try to bridge these two different worldviews together?” And I said, “I’m really not comfortable.” As we were working together, I said, “When you take a bridge, you’re only joining at the tips of two different worldviews. And that’s not what we want to do. What we want to do is actually weave and intertwine.”

MYRTLE: Can you give us an example?

ASMA-NA-HI: I use the metaphor of weaving a basket. You’re weaving together the knowledge and you’re actually forming something, whether it’s sweetgrass or whatever you are working with. So I said, “Let’s move away from talking about bridging, and let’s talk about weaving together two traditional worldviews.”

MYRTLE: Weaving.

ASMA-NA-HI: Once you do that, you still have your own traditional lens and your own traditional ways of knowing and being, as well as the other side. But you’re able to respect each other in a really meaningful way, and redefine what reconciliation is in that moment.

GEO: With Asma-na-hi’s interwoven basket, we learn that we can still see the individual strands. But both kinds can maintain their individuality and integrity—while also blending into a coherent whole that’s greater than its parts. They’re woven together to create something both functional and beautiful.

ASMA-NA-HI: And in all of that is not going back to using the same colonial tools, as well as avoiding colonization, avoiding assimilation, and, the number-one key, avoiding appropriation of the knowledge. It’s not “integrating,” and not “bridging.” It’s “interweaving.”
MYRTLE: Let’s take a quick break.
ANNOUNCER: You’re listening to online radio station AQUA.
WHISPERERS: Ask Questions! Uncork Answers!
ANNOUNCER: AQUA, sponsored generously by Bubbly Spring, “The Beverage that Gives You Leverage.”
AQUA: where your time is never down the drain.

We hear water GURGLING down a drain.

MYRTLE: Asma-na-hi had to leave us, to do a welcome and acknowledgment of traditional lands back at her university. (pause) For those who just joined us, her colleague, Dr. Geo, is here to talk about integrating Indigenous knowledge with environmental protection.

GEO: That’s interweaving, Myrtle.
MYRTLE: Right. So we’re hearing a lot about words. But how do you actually do something as complex as balancing natural-resource development and environmental protection using different worldviews?

GEO: We need a form of inquiry that’s more complete, and more holistic. One that embraces values and culture (Houde, 2007). But more than that, weaving together the two approaches in a way that fundamentally reshapes current systems of decision-making.

MYRTLE: How?
GEO: We reassess the colonialist mindset, on the theory that to work best with others, we must first know ourselves. Once we recognize our own views and biases, and accept and respect those of people that may not mirror our own—only then do we move to a shared “third space” of greater cultural self-knowledge (Johnson et al., 2016).

MYRTLE: You university types do love your ideals.
GEO: But ideals can play out in good practices. Maybe your listeners have some examples.

MYRTLE: Okay, boss. Let’s go to Brett from Bouctouche.
(CALLER) BRETT: Mi’kmaq people on the East Coast practice “two-eyed” seeing. Identifying with others in various ways, to understand and benefit from both Indigenous and settlers’ ways of knowing the world. Seeing it from two different perspectives, at the same time (Bartlett et al., 2012). Recognizing that sharing knowledge goes beyond collecting data that you can see. It involves building relationships, developing processes, and like you said, being careful with language.

GEO: Score! It’s key to stop thinking of First Nations, Inuit and Metis people as just another “stakeholder” or “special interest” on the checklist. They are legally and morally entitled to make decisions affecting their traditional lands. That means an essential redistribution of power (von der Porten & de Loë, 2013).

MYRTLE: That sounds like a big deal.
GEO: It’s already in Section 35 of the Constitution, affirming “Aboriginal rights” (Canada, Department of Justice, 2020a). And Canada finally ratified the UN Declaration on the Rights of Indigenous Peoples in 2016 (Canada, Indigenous and Northern Affairs, 2020).

MYRTLE: Which does what, actually?
GEO: Which recognizes the right of First Peoples to determine their own affairs. It includes the right to free, prior and informed consent over the development of natural resources on their traditional lands (United Nations, 2008). That’s a lot more than the right to be “consulted,” Myrtle.

MYRTLE: Let’s consult with this.

RUSSIAN VOICE: Kanada is leader, sure. Leader in peace, order, and good government. Is in Constitution. We must stand up for these values. Small, angry minorities and interest groups have no business for demanding special treatment. They cannot upset cart of apples. They must tell us good hosers what to do. Keep Great White North free! Support political candidates who carry message of freedom and equality to national capital in Toronto. This message paid for by Council of Concerned Citizens. Is genuine Kanadian organization, not foreign agitators in GRU tower in Moskva, yes?

ANNOUNCER: Um, you’re listening to online radio station AQUA.
WHISPERERS: Ask Questions! Uncork Answers!
ANNOUNCER: AQUA, where great conversations are precipitated.

We hear the PITTER-PATTER of rain on a cold tin roof.

MYRTLE: We have Frankie from Fort Saskatchewan.
(CALLER) FRANKIE: Look. I work in the resource sector, and I see lots of dealings with First Nations on projects on their land. What’s the big problem, anyway?

GEO: Good question: what makes for strong and meaningful Indigenous participation? Well, first, working closely with Indigenous People in planning, assessing, and decision-making on the project (Rathwell et al., 2015; Udofia et al., 2017).

FRANKIE: We do that.
GEO: Working with your project’s leaders and regulators to address, and shape, how Indigenous knowledge is enacted and how environmental impacts are identified—throughout the project (Rathwell et al., 2015; Udofia et al., 2017).

FRANKIE: Yeah?
GEO: Focusing on social networks and relationships, to build mutual trust. That takes time.
FRANKIE: Nice words. But what’s this supposed to look like on the ground?
GEO: Community participation. Through things like scenario-planning. Interviewing. Monitoring. Mapping. Holding workshops.
MYRTLE: Sounds “scientific” to me.
GEO: Sharing stories, oral and visual. Considering indicators of the health of Indigenous communities affected by resource development (Donatuto et al., 2016). Indicators like community connections, resource security, cultural use, education, self-determination, and resilience.
FRANKIE: Got a real-life example?
GEO: Maybe some callers can chime in here.
MYRTLE: You want my job? Here’s Nattan from North Vancouver.
(CALLER) NATTAN: Yeah. Okay, so the Fraser Basin Council analyzed watershed governance by Natives and non-Natives in five local regions (Spencer et al., 2016). It found three common factors that led to positive results. Establishing a framework with clear guidelines. Clarifying duties to ensure accountability. And having enough resources to do the work, including personnel skills like leadership, commitment, and respect.
MYRTLE: Robin from Revelstoke.
(CALLER) ROBIN: Another study from BC scoped four groups that do planning, management, or advocacy around watersheds. In two cases—the Columbia Basin Trust, and the Okanagan Basin Water Board (von der Porten & de Loë, 2013)—co-management didn’t turn out well. There were sketchy assumptions about community goals, and lame understandings of Native ways of seeing the world. Reconciliation is a great idea, but it doesn’t always work in practice.
MYRTLE: Avery from Airdrie.
(CALLER) AVERY: No disrespect. But honestly, isn’t a lot of this stuff just a polite way for Native people to get a bigger slice of the pie? Sure, you talk about their respecting the land and whatnot. But when push comes to shove, they need jobs, too. Take the Trans Mountain pipeline. A lot of bands were onside of that. There were tons of consultations (Trans Mountain Corporation, n.d.).
GEO: Okay. On the other hand, for example, members of the Tsleil-Waututh Nation and Squamish Nation—whose traditional lands lie on and near the pipeline terminus at the Port of Burnaby—and Coldwater Indian Band along the interior route tried to fight it in the Supreme Court of Canada (“Supreme Court Dismisses First Nations’ Challenge Against Trans Mountain Pipeline,” 2020). Also strongly opposed are the Union of British Columbia Indian Chiefs (2020) and participants in several big protests (e.g., “‘We’ll Do What We Have to Do’: Trans Mountain Pipeline Opponents to Ramp up Protests,” 2020). So is the International Treaty to Protect the Salish Sea, signed by nine First Nations from the lower mainland, Vancouver Island and Washington State (Tsleil-Waututh Nation Sacred Trust, 2014).
AVERY: Bunch of NIMBYs, if you ask me.
MYRTLE: And now, this.

We hear the music to the national anthem, _O CANADA_, softly at first but rising in volume during the commercial.

PATERNAL VOICE: Are you fed up with foreign environmentalists meddling in Canadian affairs? Let’s ask this person on the street.
PEDESTRIAN: Hells, yeah.
PATERNAL VOICE: Does it fry your back bacon to see overpaid Hollywood film stars calling Canadian bitumen “the dirtiest oil on the planet?”
PEDESTRIAN: Damn straight.
PATERNAL VOICE: Do you gnash your teeth when BC’s premier tries to stop pipeline expansions that everyone knows are in the national interest?
PEDESTRIAN: Who does he think he is!

_O CANADA_ swells to a patriotic crescendo.

PATERNAL VOICE: It’s time for Canadians to take back their country, and their own resources. Don’t listen to the naysayers. Canada’s oil is good for the economy. That means good jobs, more purchasing power, and better lives for all Canadians. And that’s what the national interest is all about.

_O CANADA_ ends majestically.

This message from the Freedom Institute of Canada. (hastily) An independent voice for truly Canadian interests based at the University of Calgary.

We hear the receding CLANK of an oil pumpjack.

ANNOUNCER: This is online radio AQUA.
WHISPERERS: Ask Questions! Uncork Answers!
ANNOUNCER: AQUA: where something’s always percolating underfoot.

We hear the sound of something BUBBLING.

MYRTLE: We’ve got Geo with us, talking about integrating Indigenous and Western knowledges on environmental issues.
GEO: Interweaving.
MYRTLE: Right. Time for one last caller. Drew from Dryden.¹
(CALLER) DREW: I think melding Native and Western knowledge is terrific. Like the almost 900,000 Native Christians in this great nation who blended their church learning and their own traditions, and just got on with it already.
MYRTLE: Uhh . . .
DREW: No offense, but there’s too much fuss being made about all this. Indigenous People and their knowledge don’t need special treatment. They have the same Charter of Rights and Freedoms as the rest of us Canadians. Let’s cut out the blame, make a cash settlement to cover off any outstanding obligations, get over the guilt, and all move on with growing our economy, and building this great country that we all love!

GEO: So you think Indigenous People get a special deal?

DREW: Frankly, yeah. All those programs and payments funded by our taxes. More than any of the rest of us get!

GEO: How would you feel about 15 billion dollars a year in government support? That’s how much the International Institute for Sustainable Development (2020) says Canada gave to fossil fuels from 2017 to 2019.

DREW: They’re biased.

GEO: Check their math. And if you count beyond direct support to things like uncollected taxes on “externalized” costs and post-tax subsidies like traffic congestion, air pollution and climate change, then that figure multiplies.

MYRTLE: Let’s take a quick—

GEO: And let’s not forget 4.5 billion in federal-government funds committed to buy the Trans Mountain pipeline, part of an investment of north of 16 billion dollars (Kapelos & Tasker, 2020).

DREW: Unfair comparison. Oil is in the national interest.

GEO: So are meeting Canada’s obligations under laws and treaties on environmental protection and respect for Indigenous People.

MYRTLE: Time for a quick—

GEO: And living up to standards of justice and morality that Canadians probably believe they stand for.

DREW: When oil companies are hurting, so are Canadians. When the price of oil went south, a lot of workers lost their truck, their house, and in some cases, even their family. They deserve our support against forces beyond their control.

GEO: I hear you. Lost opportunities, lost land, broken families. That might also begin to describe the Indigenous experience in this country.

DREW: Hey! That’s not fair.

GEO: I couldn’t agree with you more.

MYRTLE: Break time.

We hear OMINOUS MUSIC.

ANXIOUS VOICE: It’s a scary world out there. Angry, despotic leaders. Random acts of violence. Weird weather. No telling what will happen next!

The ominous music segues into PASTORAL MUSIC, accompanied by the sound of WATER FLOWING. Anxious Voice becomes CALM VOICE.

CALM VOICE: It’s good to know there are some great things you can count on. Like a nice, refreshing brew. Crack open a can of Tailings Select, the pride of the Canadian West. Brewed naturally from pure, prairie malt barley, hops, and yeast. Enhanced by 100% local adjuncts. Tailings: you’ll taste the difference in our water.

We hear liquid POURING into a bottle.

MYRTLE: So, Geo, we have about thirty seconds. How would you sum up your research?

GEO: I heard an old story about a yaya, a grandmother, and a basket of perfect, shiny apples that had been sprayed with pesticide. But it’s not my story to tell.

MYRTLE: (bewildered) That’s it?

GEO: As Canadians, we have a chance—a historic, transformational chance—for both environmental protection and Indigenous reconciliation, with a new approach to resource-development projects. Let’s take it!

MYRTLE: Uh . . . thanks for joining us.

GEO: Thank you, Myrtle.

MYRTLE: (unconvincingly) Good luck with your work. (pause) And now, this final word.

RUGGED VOICE: At Rock-On Resources, our commitment to social responsibility isn’t just buzzwords in an annual report. It’s how we do business. And nowhere is that more apparent than in our partnerships with Indigenous communities in Canada, and around the world.

We hear a rising, rhythmic DRUMBEAT.

Whether we carefully clear a few trees to lay a pipeline, or safely navigate through some rock to produce shale gas for Canadians’ energy security and economic growth, we’re all over the Indigenous Relations file—like a Hudson’s Bay blanket. When our work takes us into Indigenous territories, we do our homework.

We hear POSSIBLY INDIGENOUS VOICES CHANTING.

We’re right there, with respect, meaningful consultations, and well-paying jobs. Rock-On Resources. Putting Canada and its First Nations first. Every time. (pause) This ad authorized by the Longhorn group of companies, headquartered in Houston, Texas.
ANNOUNCER: This is online radio AQUA.
WHISPERERS: Ask Questions! Uncork Answers!
ANNOUNCER: For goodness’ sake-ous, keep your
dial tuned to Aqueous!
MYRTLE: Dear listeners, that wraps it up for today. Join
us again next week, when lifestyles maven Lacey
Wahobnak presents ten great places to buy that vacation
property you’ve always wanted.

We hear SPLASHING SOUNDS and SQUEALS OF
CHILDLIKE JOY.

Brought to you with the participation of your friends at
your local office of Avidez Realty. Avidez, a member of
the Matón syndicate, based in Barcelona, Spain.
ANNOUNCER: You’ve been listening to online radio
station AQUA. This station is sponsored generously by
Bubbly Spring, “The Beverage that Gives You Leverage.”
AQUA: where we’re always livestreaming.

We hear a BABBLING BROOK, which stops on the CLICK
of a console switch.
Then SILENCE for three seconds.
We hear a HEADSET BEING REMOVED and DROPPED
ON A DESK.

MYRTLE: Apples?

Methodological Reflection

With its emancipatory dream of redressing the menaces of
ecological and human colonization, this project calls for
gathering, synthesizing, analyzing, and mobilizing my
research for dissemination beyond the academy. Thus, I
choose arts-based research (ABR), which is rooted in the
quest for social justice (Finley, 2005) and can share subjugated
perspectives, access multiple meanings and promote dialogue, all while bringing scholarship to wider audiences
(Leavy, 2015). ABR engages “…the artistic process, the
actual making of artistic expressions in all of the different
forms of the arts, as a primary way of understanding and
examining experience” (McNiff, 2008, p. 29). ABR suits
the goals of this project because enduring appeals to science
and reason need help to achieve the changes in popular
attitudes and public policies required to stop the
unsustainable ecological degradation of the Earth
(McKibben, 2005). With its goal to engage the wider pub-
lic on more visceral and impactful levels, ABR can lend
itself well to sharing environmental research aimed at
remedial action (Takach, 2016). ABR can also be seen as
compatible with Indigenous ways of knowing the world
and preserving culture, for example, through “research sto-
rytelling” (Christensen, 2012). Moreover, the emerging
performative genre and area of scholarship known as eco-
comedy (e.g., Bodkin, 2014) reinforces the historical role
of the comic corrective in fomenting resistance to wrong-
doing (Jenkins, 1994). Accordingly, aspects of the deep
physical, emotional and psychological trauma wrought by
the colonization of environment (Seymour, 2018; Zekavat,
2019) and Indigenous Peoples (Ludolph, 2017; Taylor,
2006) may be amenable to sharing, addressing, and work-
thing to heal through comedy.

Of particular potential utility here is satire, which does not
readily admit to a unified definition, but has been sug-
gested to entail an attack on “vice or folly” based on some
moral standard or purposes that uses wit, ridicule, exagger-
ation, and/or fiction to argue that a real-life thing or person
is “reprehensible or ridiculous” (Griffin, 1994, p. 1). This
gap between the target’s perception and the satirist’s take on
reality seems to be the bedrock of the genre.

The site of this inquiry, Canada, seems particularly ripe
for satire because it is fraught with breathtaking dualities.
For example, Canada ranks second on an American consor-
tium’s list of “best countries” (U.S. News, 2020) and thir-
tenth on the UN’s Human Development Index (United
Nations Development Programme, 2020), but remains
unable to regain its one-time seat on the UN Security Council
(Cecco, 2020; Ibbitson & Slater, 2010). It is known widely
for its pristine landscapes and inferentially its environmental
stewardship, yet it was the first nation to withdraw from the
Kyoto Protocol implementing the UN Framework
Convention on Climate Change (Walsh, 2011); is second
only to Saudi Arabia in state subsidies to the fossil-fuel
industry (International Institute for Sustainable Development,
2020); ranks ninth among nations in total emissions of
greenhouse gases and fifth in per-capita emissions (World
Population Review, 2021); is faring poorly in protecting bio-
diversity (World Wildlife Fund–Canada, 2020); and ranks
38th out of 40 nations in the environmental component of an
index measuring commitment to international development
index for the G20 and 27 other industrialized economies
(Center for Global Development, 2020). Canada positions
itself as a beacon of multicultural tolerance (Library of
Parliament, 2018), while continuing a long-standing regime
of cultural genocide against Indigenous Peoples (TRC,
2015), for which the prime minister apologized at the UN
(Reuters, 2017). Canada’s ecological and human colonization
converge, for example, in international complaints
against Canadian-owned mining companies for brazenly
overrunning sensitive environmental areas and their
Indigenous occupants in Latin America (Blanchfield,
2017). Ironically, perhaps, Canada itself is seen as a bastion of sat-
ire by dint of its citizens’ distanced observation of a certain
cultural juggernaut, its southerly neighbor lurking just across
the 49th parallel (Fisher & Taub, 2017).

Delving into eco-comedy and deploying devices like sat-
ire, exaggeration, and aural double-entendres, this audio
script begins the work of dramatizing this research. This
aims to make it more accessible to diverse audiences, and to
encourage further reflection, discussion and action on
environmental protection and Indigenous conciliation. Still at the draft stage, the script is shared as an exercise in arts-based methodology, rather than as work ready for professional production and broadcast on a radio program or podcast. This draft is marked by two central tensions.

The first tension is between the need to reflect the research and the need to practice proper conventions of dramatic scriptwriting. As a professional screenwriter as well as a university researcher, I find that this draft still leans too heavily toward communicating the research per se. It would likely benefit from weaving in further principles of Indigenous “storywork” such as respect, responsibility, and reciprocity (Archibald, 2008; Archibald et al., 2019), and collaborative, Indigenous methods of inquiry like reframing and envisioning (Kulnieks et al., 2013; Tuhinai Smith, 2012), all in service of “a reconstructive and locative educational and social justice idea” (Pewewardy, 2019, p. 151). Also, this work could draw more on principles of Western storytelling such as dramatic structure, character, and dialogue, while adding further subversive satire aimed at engendering emancipatory action.

The second tension involves the process of sharing the content of this research as an uninvited settler. As a first-generation offspring of immigrants settling on Turtle Island, I received my share of othering in the trenches of local elementary and middle schools. While I feel that my background provides a sympathetic portal to my research topic, I am wary of furthering the colonizing practices engrained in research models practiced in Western academe. I am concerned about “integrating” more than “interweaving” Indigenous approaches, as noted in the script. I am blessed with the wisdom, generosity, and grace of my collaborator, Asma-na-hi Antoine, who approved of my including her thoughts (taken from our many conversations) in the radio play. The work benefited further from story editing by my colleague, Dwayne Beaver, a university instructor and professional playwright and screenwriter. However, to realize the aims of this kind of research-creation in practice as well as in principle, I believe that its fullest execution requires the participation of an Indigenous co-creator from the point of brainstorming to the final curtain on production, and beyond into the means of dissemination.

When it comes to the devastating twin evils of colonizing the Earth and its Indigenous residents, we have a long row to hoe. This script is just one colonizer’s modest foray into the dirt.

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ORCID iD
Geo Takach https://orcid.org/0000-0003-3192-6642

Note
1. Caller Drew’s remarks are adapted from actual letters posted online by a member of the Senate of Canada, Lynn Beyak, who was removed from the Conservative Senate caucus and censured and temporarily suspended by the Senate itself; the Senate itself removed the offensive letters (“Racist Letters About Indigenous Peoples Removed From Sen. Lynn Beyak’s Website,” 2019). In 2021, the senator announced her early retirement.

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Author Biography

Geo Takach, PhD, is associate professor of communication and culture at Royal Roads University, and a professional writer and filmmaker whose work has been published or produced via speeches, theater, print, film, radio, television, and Boolean ether.