



89. Things to Watch for in 2020

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Future Sense is a podcast edited from the radio show of the same name, broadcast on BayFM in Byron Bay, Australia, at www.bayfm.org. Hosted by Nyck Jeanes and well-known international futurist, Steve McDonald, Future Sense provides a fresh, deep analysis of global trends and emerging technologies. How can we identify the layers of growth personally, socially and globally? What are the signs missed; the truths being denied? Political science, history, politics, psychology, ancient civilisations, alien contact, the new psychedelic revolution, cryptocurrency and other disruptive and distributed technologies, and much more.

This is Future Sense.

Nyck: You're tuned here on *Future Sense* with Steve McDonald and Nyck Jeanes. Thanks for your texts and we'll call for some more texts in a minute. Please engage. Dudley's written in on climate change and temperatures around the world and the extremes that we're seeing. He says: "Probably worth mentioning that lower global temperatures are more likely to generate long-term droughts due to locking up water in ice and snow."

Steve: That's quite correct, yes. If we look at historical periods where it's been extremely cold, such as the Mini Ice Ages, a whole bunch of water does get locked up in ice and snow, and there are other parts of the planet which are not covered by ice which experience extreme drought and also heat. I think we mentioned this before on the show previously, that the current heatwaves and drought that we're experiencing here in Australia have been and linked to what they call the Indian Ocean Dipole, which is something that arises from the presence of warm waters off the coast of Africa and cold waters just to the north west of Australia. Those two extremes create the dipole and of course, when you don't have warm water lifting moisture up into the atmosphere, you don't get the rain. With our Western Ocean there, the Indian Ocean, being unusually cool at the moment, that's why we're experiencing drought here in Australia.

Nyck: Another text too, and you've texted a few times. You've ended up saying it in capital letters, you said: "IN PLAIN ENGLISH, ENTROPY IS ON THE RISE", and I see from your other texts this morning, you're talking about the collapse of, and the lemming-like nature of humanity at this time, which I guess suggests something a little different about the observation of entropy because clearly, many things, as we're saying, are breaking down. Things are falling apart. Structures are collapsing. That is true.

Steve: It is true, but it's balanced out by the opposite happening in different parts of society. This is a typical pattern when we go through a significant change like this. The old stuff's got to fall apart. As I often say, it's like a kid's Lego block toy. You can't flick your fingers and transform a ship into an aeroplane. You got to pull the ship apart and rebuild it with the building blocks.

Nyck: Or to get a little bit vegetal about it, I like to think that the old is like compost as it's slowly decaying and collapsing and becomes literally compost for the future.

Steve: Yes, exactly, it just depends what you choose to focus on. At this time in history, because of the mainstream media, really, a lot of people are focussing on the decomposing matter rather than noticing the new sprouts that are coming through.

I stopped watching television in 2003. It's one of the best things I ever did. I'd recommend it to any listeners out there. Just don't look at mainstream media as your primary source of news. I mean, I still do. As a futurist, I have to keep tabs on what's going on and what the media are reporting, so I have a very strict regime of having a brief look at the headlines every day just to see what people are talking about and what themes are emerging, and perhaps what manipulation is being played out.

Nyck: Having been in the military, you have a phrase, an acronym called MSU. I guess you've got a fairly good radar for that. What does MSU stand for?

Steve: MSU is Making Stuff Up.

Nyck: Or Making Shit Up.

Steve: Yes, whatever you want to call it. For one year of my time in the military, I was an intelligence officer in an infantry battalion so it was my job to gather all the information that was brought in by our troops and put it all together and try and discern what was actually going on out there. So I do have a bit of a background in that kind of thing.

Nyck: If you couldn't make sense of it, then you just make something up, or you just create a particle or a part of an equation that solves the equation.

Steve: I never did that.

Nyck: No, of course not.

Steve: I didn't do that and I wouldn't recommend it, but certainly a lot of people to do it. And, you know, all it takes is one person making stuff up and putting it on social media these days and it's viral; it's gone everywhere, particularly if it's interesting.

So, what were we talking about?

Nyck: Going forward. What can we see going forward?

Steve: That's right, of course. Things to look for. I think one of the next big things for humanity—and there are many different facets to this—is magnetism. I can see this as a very, very important emerging discipline and area of interest. It works on multiple levels, as all good things do, and one of the levels that magnetism will become more important in is our understanding of space weather and terrestrial climate. I dug up an old NASA article here, which is older than I remembered, actually—it goes back to 2008 (https://science.nasa.gov/science-news/science-at-nasa/2008/30oct_ftes). It's talking about magnetic portals that connect the Earth to the Sun. Let me just read a couple of lines from this article: "Tons of high-energy particles may flow through the opening before it closes again ...". They're saying that these portals open and close once every eight minutes or so, so they're only open for a short period of time, but when they are open, as it just said, tons of high-energy particles stream from the Sun through to the Earth and into the Earth's atmosphere.

Nyck: The pulse of the time it takes for light to reach us from the sun, I think is eight minutes.

Steve: Okay, yes, and going back to the article I'm quoting here, space physicist, David Sibeck, of the Goddard Space Flight Centre said: "It's called a flux transfer event, or FTE. 10 years ago, I was pretty sure they didn't exist, but now the evidence is incontrovertible." There's a bit of critical thinking and scientific method being applied there. This is, again, from 2008, and it says: "Today Sibeck is telling an international assembly of space physicists at the 2008 Plasma Workshop in Huntsville, Alabama, FTEs are not just common, but possibly twice as common as anyone had ever imagined." As with all new discoveries, they take a bit of time to land. An extreme example is quantum mechanics, which first emerged over 100 years ago and still hasn't actually landed in mainstream science. Here's something that NASA have discovered and researched and documented, which is these magnetic portals that open up and this massive influx of high energy particles which go from the Sun to the Earth. In other material that I've discovered this year, including a wonderful video which we published and mentioned on the show a couple of times called *Climate Forcing*, these magnetic portals and the high energy particles are having an impact on terrestrial climate, but magnetism is not something that's included, as far as I know, in any of the conventional computer-based climate models which are being used for those predictions.

So this is a topic to watch and the weather aspect of it is just one area. The other really, really big picture aspect of the space weather thing, of course, is the knowledge that our solar system is either approaching or already starting to transit through an area between what's called the Local Cloud which our solar system has been flying through for as long as we know. The Local Cloud ends and another piece of space begins, which is called the G-Cloud and it looks like there may even be a null area in between those two clouds which would be an area of low magnetic energy. As we transit out of the Local Cloud through this null area and into the G-Cloud, who knows what might happen in terms of the impact on our solar system in the terrestrial climate? That's something that's largely unknown, but only just on the radar, and again, it will take a long time to land in mainstream.

Nyck: Just quickly on the G-Cloud—because I wasn't familiar with that myself—this is from Wikipedia, so, you know, but it says: "The G-Cloud or G-Cloud complex is an interstellar cloud located next to the local interstellar cloud. It is unknown whether the solar system is embedded in the local interstellar cloud or in the region where the two clouds are interacting," as you were saying there, "although the solar system is currently moving towards the G-Cloud." (<https://en.wikipedia.org/wiki/G-Cloud>)

Steve: Yes, that's right. And this is information from NASA's Interstellar Boundary Explorer mission, IBEX. Most of you will have heard of Voyager I and Voyager II, those probes that were sent out years ago. Voyager I, which was launched after Voyager II but is actually in front now, has in the last year or two, pierced the bow wave of our solar system. As the sun and our solar system are plunging through space, it's kind of like a ship pushing through the ocean and it has a bow wave—an energetic bow wave—which is particularly caused by the solar wind that the sun puts out. Voyager I has just punched through that bow wave into interstellar space and the pattern of cosmic wind that they've discovered there isn't what they expected, which may suggest that we have actually started to transition out of the Local Cloud.

Nyck: Into the G-Cloud.

Steve: Yes. So I think in the next decade or two, that's probably going to become quite big news.

Nyck: And if you imagine, of course, many of you may have seen the photos or the videographic representations of the sun and solar system moving through space—absolutely beautiful, the incredible orbits of the planets and the spiral nature of the whole thing—and as soon as you see that, you see the complexity of nature and the many, many forces, as you say. Particularly we're talking about magnetism here, but all those forces—gravitational, magnetic, electrical, and cosmic rays and so forth—that exist in and through and with us all the time. This is a profound complexity that we've really only become aware of in very recent

times, actually. This is going to open up more and more and I think is going to change the equation of how we look at some of the bigger problems, including climate on the planet; the global climate emergency, if you will.

Steve: Yes, and other aspects of magnetism that we ought to look for I think, particularly in 2020—it's quite possible we hear a lot more about magnetic energy generators, in other words, machines that run on magnets which generate electricity. These are already out there. In fact, there's a company here in Australia called *Graph Energy*, which is based nearby on the Gold Coast, which have been advertising a magnetic electric generator. I'm looking at their website now (<http://graphenergy.com.au>). They're advertising two machines, a 10 kWh machine and a 1,000 kWh machine. The way that they work is that you need to plug them into an electrical power point to kick-start them, but once the machine is running, you can disconnect it from the electricity and it will run. For their 10 kWh model, they're advertising on their website here a 20 year lifespan, 24/7. I guess that's their best guess because they wouldn't have had 20 years to test that, however, I know this is not the only company in the world that has developed magnetic generators. I know of at least one company in the US and there are probably more around the world. The company I'm thinking with the US hasn't gone public with it yet, but this, I think, will be a key aspect of energy generation in the future—using magnetism. My understanding is the way that these machines work is they have like a circular drum on an axis or an axle and magnets arranged on the drum, and once the drum is in motion, I guess the polarisation between the magnets constantly just keeps it pushing and generating electricity in the process.

Nyck: Sort of perpetual motion, almost, or suggesting that we're moving towards that.

Steve: Yes, so that's something to look for. Then the other realm of magnetism that we ought to look out for is one that I'm prompted to talk about due to some recent channelling from Kryon. For those of you that may not have heard us mention Kryon before, Kryon is an 'out there' information source that we pay attention to, and because we do our best to take a trans-rational perspective on the world—so we're not just looking at logical, rational things; we're looking at emotional things and we're looking at things that reflect perhaps a higher way of acquiring knowledge, which I like to call ...

Nyck: Paradoxical, non-linear living systems.

Steve: ... quantum consciousness.

For those of you who don't know what Kryon is, Kryon is a disembodied entity—so in other words, you might use words like spirit, interdimensional being, those sorts of things—that speaks through an American fellow called Lee Carroll and has been doing so for 30-plus years now. The messages that come through Lee Carroll have often included news of future scientific breakthroughs which have actually come true. It's this basis of 'okay, this actually

seems to work, there's truth coming through, and we ought to be paying attention to what this Kryon is saying', and that's why we're following Kryon.

Kryon has said recently that we are on the verge of discovery of a device that you might think of as like a set of goggles or some sort of viewing machine, which will allow us to see our personal magnetic fields—in other words, the natural magnetic fields that surround our body, which can, Kryon says, be up to eight metres wide. The HeartMath Institute from the US has been pushing into this area: looking at the heart, the energy radiated from our hearts, and how we can detect that in some ways, and also the influence that one person's heart resonance has on another person in their presence and those sorts of things. There's a whole body of very wonderful research that you can look up on the Internet if you're interested in that (<https://www.heartmath.org>). Kryon is saying that with the use of some kind of super-cooling, we are on the verge of developing some device that will allow us to see our own magnetic field through this device. He suggested that it was on the purple end of the spectrum, so obviously it's not visible—because otherwise we'd be able to see it already—so we're looking at some light here on the electromagnetic spectrum which is off the end of the UV side of the spectrum.

Nyck: You could say it's an extension of the old aura photography that was quite popular and that ability to be able to see colours around a being. Some people, of course, can see that quite naturally. The other thing I thought of as you were speaking, though, more interestingly, is the whole discussion around EMF, 5G being the big thing right now. There are a lot of people who are becoming aware of sensitivity to electromagnetic frequencies in various ways. There's lots of stuff we could say about that, but I'm thinking, well, isn't it interesting that magnetism as a future science and the application of that in various ways is coming forward at the same time people are being aware of EMF frequencies and how they may affect an individual? So that sort of complementary experience is going on, both in discovery, and in people's personal inner experience of these frequencies to some degree.

Steve: That's right, and Kryon has suggested that when we make this discovery and we have this device and we can see this field around people, we're going to identify it as some sort of a life energy field. The devices will also result in us seeing the same magnetic fields around plants, and also—wait for it—rocks! Basically everything. Everything is going to have a magnetic field, and he said this is going to disrupt our understanding of spirituality and lead to the development of a more sophisticated spirituality based on the understanding that everything has this underpinning of consciousness expressing itself as these fields.

The other thing he said was basically that this is going to have a massively disruptive impact on humanity in a positive way, both disrupting our spirituality—or our understanding of spirituality—but also our capacity to read a person's health, because any health issues will show up in this field when they're viewed through this device.

Nyck: And of course, there's always been people who, to one degree or another, are psychic, you could say, who've been able to see or perceive these things in one way or the other

already, to some degree. There's always been those Wayshowers, and many great healers fall into that into that bracket. We know a few of those, including yourself, I might say.

Steve: Who?

Nyck: You.

Steve: My God, you can't reveal all my secrets.

Nyck: Not all of them. Not that one.

Steve: Glad I stopped you. What I was going to say was, you can see how magnetism in general has the capacity, just through improving our knowledge, our understanding and our visibility of magnetic fields, to radically shift most things that we know. I was about to say that Kryon said this discovery of this viewing machine will have a similar kind of impact on humanity as the invention of the wheel did. So, I mean, that's a pretty extensive disruption, in a very, very positive way. So, the next big thing, perhaps—magnetism.

Nyck: Indeed. Fantastic.

Steve: We might take a break and we'll come back for more.

Nyck: Absolutely. Here on BayFM, you are tuned to *Future Sense* with Steve McDonald and Nyck Jeanes.

Nyck: You are tuned to *Future Sense* here on BayFM and via podcast all over the world. Thanks for joining us in 2019 and stay with us in 2020; and spread the word—spread the word on the podcast. We're going to be doing some exciting stuff this coming year anyway, but we're not going to tell you what they are, yet. All sorts of things are going to emerge, I hope.

Thanks for your texts. Just one other one for now: "Hi, guys, EVERYTHING is alive with energy and life." Yes, indeed, absolutely.

Steve: It is indeed, and it goes down to the atomic level, of course. I subscribe to Nassim Hamein's view that every Holon, starting from the atom up, has the nature of a black hole. In other words, the nucleus is essentially a portal to other dimensions.

Nyck: So exciting.

Steve: Yes, and so everything that has atoms has that portal through to the quantum field of consciousness.

Another theme for 2020 that I think we're going to see continuing, is going back to the future to make sense of the present—oh sorry 'back to the future'; I meant back to the past to make sense of the future, which you might call back to the future, which apparently they made a movie about.

Nyck: Yes, they did. It was good. I enjoyed it at the time. It was the 80s.

Steve: Totally, totally. There's a big retro thing happening at the moment, too, so you might want to go back and watch that.

So I guess transforming our understanding of the past. We've been sold this linear progression story in our mainstream narratives and our formal education and those sorts of things, that things were old and unsophisticated and then they got better and better and better. And here we are, and yet we find these relics of prehistory that are exhibiting technologies that we don't have now, like things built with giant blocks and giant blocks cut with such precision that there are no marks from tools, and in fact, massive rocks that are part of mountains that have been shaped into clearly artificial shapes and yet we have no idea how it happened. So I think we're going to see this theme continue of revelations of things from our history—old technologies that are going to force us to sit down and just realise that this linear progression from old and simple to present and complex just doesn't seem to fit, and there's something missing from our understanding of history.

Of course, our history was truncated, most likely by some natural cataclysm that happened roughly about 12,000 years ago. A lot of people are saying it was the Younger Dryas event which was caused by a massive comet breaking up and impacting the Earth and causing the famous floods that are written into our religious books such as The Flood, Noah.

Nyck: And before that, too, because that myth goes back, of course, well before Christian time—the myth of the Great Flood. Like many things in the Bible, frankly, it was borrowed from other places and adapted and used in the way that it's been used.

Steve: Well, it's either that, or it happened on a planetary scale and everybody had a Noah, basically.

Nyck: Everybody had Noah. There's a song right there.

Steve: Yeah, yeah, yeah.

So a couple of interesting pieces I've come across this year just on this theme, include a wonderful book by Freddy Silva called *The Missing Lands*, where he's done a really, really solid enquiry into the megalithic buildings around the world. I tell you what, they are much more widespread than I had thought. I had no idea that there were megalithic buildings in some of the places that Freddy has reported them, like not just Easter Island, but some of the more Central to South Pacific islands and those sorts of things. The stories are woven into their local myths and traditions of these people—the Shining Ones, they're often called—who came and built these things and helped civilisation recover from this massive cataclysm. I really recommend Freddy's book if you're interested in that kind of stuff. I think it's a ground-breaking book. He's done some really interesting linguistic analysis where he's visited different cultures around the world, listened to their stories, and looked at the root of some of the key words in the stories and found these commonalities across different areas, which is really suggesting that there was a single group of these people who were often called the Shining Ones—or the Seven Sages is a very common story, or the Watchers, is another term.

Nyck: Star People.

Steve: Or Star People as well, and maybe they were. He's strung it together in a very, very solid fashion. Freddy's website is <https://www.invisibletemple.com> if you want to go and grab a copy of that. I really recommend that.

Another interesting source that I found this year was from Gregg Braden, and if you don't know who Gregg Braden is, he's a qualified scientist who studied geology and then a lot of the different life sciences, and I believe he worked in the aerospace industry for a while. I had the pleasure of remotely meeting Gregg on a teleconference call which we had going a couple of years ago, I think, that was organised by my futurist friend John Peterson from the *Arlington Institute* in the US. I can't remember exactly, but I think there were six or eight of us that would meet on this call on a regular basis and just talk about what was happening in the world from the futurist perspective, and again, a way of helping us try and make sense of our trajectory as a species and as a planet. Gregg was also on that call regularly, and I have a really strong impression of him being just a lovely guy who is quite humble and quite dedicated to the work that he's doing. He has a series which is being screened on <https://www.gaia.com> at the moment called *Missing Links*, and I recently watched Series 1, Episode 9, which was called *Genetic Clues of Human Origin*.

I'd heard about the science behind the stuff he presented in that episode previously, largely through Gregg, and basically he's looking at a discrepancy in the human genome and particularly gene number 2, which isn't like the others. The chromosomes in each of the genes have end caps on them, which are called telomeres—and we have mentioned this on

the show—but in gene 2, it's clearly been manipulated because apart from the end caps, the telomeres on the ends of the chromosomes, there's a couple in the middle which have clearly been joined together. This is very big in mainstream science. There are papers; in fact, Gregg said there are whole scientific conferences that have been held by people studying the genome, just simply on this gene number 2 and trying to figure out why it is different from the others. The basic conclusion is that some process that we're not familiar with has been able to cut or splice a couple of chromosomes and then join them together, which is why the telomeres have ended up in the middle. Not just that, but also that redundant aspects of each of the separate chromosomes were spliced off, and had that not happened, then we would have ended up with like a double functionality that we didn't need. So whatever process made this happen knew that and took out the redundant parts. Then, when the splicing occurred, there had to be some kind of favourable conditions for that to then become a functioning part of our genome. Gregg stopped short of suggesting who or what process might have caused that to happen, but he's just really strongly making the point that as far as we know right now, natural evolution doesn't do this. Maybe sometime in the future we'll discover a process which explains it, but right now, we can't explain it, and it kind of strongly points to an active, ah ...

Nyck: Engagement with our species at some time in the distant past for a purpose.

Steve: Yes. Something or someone has changed our genome at some point.

Nyck: I think it's great too, I'm thinking that all of these things also add to the mystery. It's, I guess 'mystery' for want of a better word—it's a good word—is another aspect of what we need to be encouraged to feel, to experience, to watch for: synchronicities and serendipities and those moments of connection that are somehow a bit more than the normal experience of reality. This is part of our future, I think, that we're becoming available to these experiences more and more.

Steve: Absolutely. Also a part of that same process is this merger that's underway between science and spirituality, and if you look at all of our central religions and the stories that come with them, they're full of stories of outsiders coming and interacting with us. We call them angels and gods and all these sorts of things, but if you stop for a moment and think, well, hang on a minute, what if the scientific story and the spiritual story were both correct from a particular perspective and they're describing the same thing, but they're just looking at it from different angles? So, we look like we're starting to piece together a very, very different version of history that involves the presence of higher consciousness on the planet—the presence of high technologies on the planet—at a time when our mainstream narratives currently say that shouldn't be the case, they shouldn't have been here at the time.

Nyck: It's an indication, I guess, that we are becoming complex enough that our minds, literally, for many of us, are becoming available to a more complex experience of life, the universe and everything, and as that's becoming available—it's becoming more present for our perception. That's interesting in itself, that as we allow ourselves to see something, to understand, to know something, then that something comes forward into our presence more, in a way.

Steve: That's right, and that's one of the positive, constructive things of us moving beyond the Scientific-Industrial era—that mainstream science was really in a box in terms of what it would consider and what it would not consider. Of course, anything that couldn't be measured on an instrument or seen under a microscope in a laboratory didn't exist and wasn't worthy of investigation. We're starting to move outside that box now, which is opening up all these other possibilities for us.

Nyck: Yes, and of course, the result of that process that Steve just explained there is the tendency towards scientism, which is a word really that's only been fairly recently quoted or made up, I think, and it is that point where science goes too far in one direction. It's been incredibly valuable, yes, and will continue to be so in the future, but it's not the only explanation for everything.

Steve: Yes, I think that is a result of this shift in human values and particularly the drivers in the different value sets as we mentioned earlier, which sort of compartmentalise things into the old scientific method of critical thinking, and what's emerging at the moment, which is this consensus-based way of assessing the validity of something which is actually collapsing the cause-and-effect hierarchies and removing individual critical thinking from the process. That's something to watch for in the year ahead also.

Nyck: Indeed. It looks like that's about it for the show, doesn't it?

Nyck: That's about it for 2019.

Nyck: It is indeed. I just want to share this little quote from Mark Twain talking about history. I love this. Mark Twain said: "History never repeats itself, but it rhymes", and I like that.

Steve: I like that too. I often use that, actually.

Nyck: Oh, do you?

Steve: I do, yeah. Not in front of you, though, but I can now that you've discovered it.

Nyck: It's good to see that there's still mystery in that you have to be at a certain level, a certain order, in order to receive and accept the great mysteries that come from those higher up in the hierarchy.

Steve: Always preserve the mystery. That's one of the central tenets of Taoism.

Nyck: Very true.

Steve: We've got some real interesting things coming up in 2020, and not the least of them is the return of our Texan elf.

Nyck: Yes, Mitch Schultz will be back.

Steve: He'll be landing in the country on the 6th of January, and Mitch is coming back to work with us on the development of a *Future Sense* documentary series, and you'll be hearing a lot more about that in the year ahead.

Nyck: Fantastic. That's it. Have a great New Year's Eve. Take care, be careful, and if you're in this region, take care of the environment, take care of each other, and we will be with you next Monday, which will be 2020. Thanks for being with us, and check out our podcast at www.future sense.it or at your podcast platform that you already have linked up to us.

Steve: Thanks for being with us this year, and Happy New Year.

Nyck: Happy New Year.

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