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<u>C1031 - September 1, 2010 - Biblical Framework Of Geology</u> <u>Review</u>

Here's an outline of what we went through that we'll basically cover tonight, if you have questions throughout, slow me down and we'll try to answer. Let's start by asking, what are we doing? Why are we studying geology at a Bible church? Let's face it; most churches aren't having courses on geology. The essential reason we're doing it is because the Bible is a book of history, it's a book of reality. It is not a religious book about your psychological experience of Hebrew sages or ethic or morality; it contains those things but it is not essentially these things. It's essentially a book of history. And that is a very offensive idea to the modern pagan. You're fine as long as you isolate the Bible to a religious story, they could care less. What's offensive is when you start saying the Bible applies to all of reality.

We've taken just one area of reality, the rocks of the earth, and built a framework. Let's think about what this does for us. In the doctrine of sanctification the aim is to learn loyalty to God in every area of life, to love Him with all our hearts, minds, soul and strength. Anyone want to disagree with that? God wants us to love Him? And that love is a loyal love, it's a committed love, it's a love deeply embedded in the construct of our soul that we pass on to the next generation as we build biblical culture. Biblical love and culture take time to develop. The model for how it looks when it is developed is the Golden Era of Solomon. The Golden Era of Solomon was the height of biblical culture. We're striving to become like Solomon in his early years. Solomon asked for wisdom and God granted it. James says, "If any of you lacks wisdom, let Him ask God...and it will be given him. But he must ask in faith." So it gets back to faith again. If we can't believe God's word then we can't get wisdom because He shuts it off from us. God says that's it, your doubting My word is true, therefore no wisdom for you. But if we're

coming to Him trusting Him, submitting to Him then He gives us wisdom. Solomon asked for wisdom and God granted it and that generation enjoyed godly culture. They lost it but initially they enjoyed it. Here's the description of that wisdom. 1 Kgs 4:29. I want you to key in on how Hebrew wisdom is described because it's not what is usually thought of as wisdom. We're Greek and we read this book as Greeks but this isn't a Greek book, this is a Hebrew book and wisdom is described in Hebrew thinking differently than in Greek thinking. "Now God gave Solomon wisdom and very great discernment and breadth of mind, like the sand that is on the seashore...³²He...spoke 3,000 proverbs, and his songs were 1,005." You say skill in literature and music are wisdom? Absolutely. Skill in linguistic expression and music. Verse 33, "He spoke of trees, from the cedar that is in Lebanon even to the hyssop that grows on the wall; he spoke also of animals and birds and creeping things and fish. ³⁴Men came from all peoples to hear the wisdom of Solomon, from all the kings of the earth who had heard of his wisdom." You say wisdom is talking about trees? Talking botanically? What does Hebrew wisdom have to do with? What's the essence of it? Breadth of mind, the ability to think God's thoughts after Him in every area of life. The ability to think botanical thoughts, zoological thoughts, ecological thoughts, entomological thoughts after God. In our language what do we call a person like Solomon? A Renaissance man. Someone who is a genius in many different areas. That in the Hebrew Scriptures is a man of wisdom. We're not confining ourselves to a little religious compartment. We're claiming God speaks to us in every area of life and our responsibility is to love Him, to take every thought captive to Him. Remember what Job said? Job 12:8, "But now ask the beasts, and let them teach you; And the birds of the heavens, and let them tell you. 8"Or speak to the earth, and let it teach you; And let the fish of the sea declare to you. 9"Who among all these does not know That the hand of the LORD has done this, ¹⁰In whose hand is the life of every living thing, And the breath of all mankind? ¹¹"Does not the ear test words, As the palate tastes its food? ¹²"Wisdom is with aged men, With long life is understanding." What does Job mean? He means that God has lesson plans built into nature which we are to learn. That's wisdom study. It's not just study for intellectual stimulation. If that's how you're thinking about geology you're missing the point. It's study to recognize God's handiwork. The intellect is involved in the process of recognizing this but our study doesn't stop at the birds or the rocks or the fish, it extends beyond to the God who created the birds, the rocks and the fish. And thinking this way energizes you; it's fuel for the soul; it impresses

you with who God is. Nature and its lesson plans are indirect teaching tools in that they teach us certain interesting things; radioisotopes teach us interesting things, Grand Canyon teaches us interesting things, the Ice Age teaches us interesting things, but pushing beyond that they're teaching us about who God is through how He has historically worked in nature. God is not nature, but nature does declare a message about God and if our hearts are sanctified when we look at nature we see beyond nature to the stupendous God who structured it, who crafted it and who governs it and we are electrified with Him. The Psalmist declares, "The heavens are telling of the glory of God; And their expanse is declaring the work of His hands. ²Day to day pours forth speech, And night to night reveals knowledge. ³There is no speech, nor are there words; Their voice is not heard. ⁴Their line has gone out through all the earth, And their utterances to the end of the world." Let's think about the implications of that as we shift gears. We want to return to the role of presuppositions. And if we think of the implications of what the Psalmist says we get headed in the right direction. Think of how we could summarize those verses. Just take verse 2, "Day to day pours forth speech, And night to night reveals knowledge." What are some of the implications of that? Verse 4. "Their line has gone out through all the earth, And their utterances to the end of the world." If that's true, what else is true? Isn't it true that all men everywhere are confronted with God on a continual basis? Yes, that's what it means. And if the hearts of men are at enmity with God what do those hearts want to do? Shield themselves from the confrontation. So if they're forever and always confronted with God through nature how do they avoid the confrontation? By re-interpreting nature.

This is the game that's being played and we're fools if we don't catch on to it. The evolutionary worldview is not some neutral idea over here, it's an entire re-interpretation of nature designed to shield men from the God who is forever and always revealed through nature. That way I relieve the pressure of confronting Him on a daily, minute by minute basis. It's not just a few pieces of data interpreted a slightly different way. It's a total re-interpretation of every part of nature. That's why we're so offensive to them. That's why we're being maligned. They can shut down their own memory of Him but when you get around them and start talking about creationism and all the rest of it you're reminding them of who God is. And you're next, they're going to shut you down. They're doing it right now to the Institute of Creation Research. The Texas Higher Education Coordinating Board has

ruled against ICR granting degrees in Texas. They're going to squash ICR and they're going to squash you and me. Why? Because we're a threat. We're a constant reminder of the very thing they're trying to squash: that they're creatures responsible to their Creator. Remember what the evolutionist said; it behooves us to pay attention to what they say lest we fail to understand what evolution is all about. Here it is - a frank admission from American Atheist magazine: "Christianity has fought, still fights, and will fight science to the desperate end over evolution, because evolution destroys utterly and finally the very reason Jesus' earthly life was supposedly made necessary. Destroy Adam and Eve and the original sin, and in the rubble you will find the sorry remains of the son of god. Take away the meaning of his death. If Jesus was not the redeemer who died for our sins, and this is what evolution means, then Christianity is nothing!" We ought to really pay attention to what these people are saying. You say, well, I don't read atheists. You should. They're telling you the structure of unbelief. They're telling you why they hate Christianity. Reading this is like reading the enemies' mail. If you want to know where the attack is coming you have to read the enemies mail so you can counter-attack and win the battle. It's like what the British did in WWII to the German Luftwaffe. The German Luftwaffe had a much larger air force than the British RAF, something like 10-1 ratio, but the British technology was superior to the Germans, they had radar. Every time the German's made an attack what were the British doing? Waiting for them. And it drove the German's mad losing fighter after fighter when the odds were 10-1 in their favor! But that's what the British could do because they already read their mail; they knew exactly when and where the attack was coming from. And we want to do the same thing with unbelief. We want to read their mail. Where do we read their mail? In their literature. Here it is, evolution means Jesus was not the redeemer who died for our sins. Now that we've read their mail can we accommodate to evolution? Should we attempt to harmonize Genesis with evolution? The very idea shows the utter foolishness of the attempts. Yet the church has attempted this for over 150 years, accommodate, accommodate, accommodate, they're still trying to accommodate. So many scientists couldn't possibly be wrong, so we accept it, and then we come to Genesis and we say this doesn't fit. So what do we do? Re-interpret the Bible to fit evolution. Well, what does that do to the integrity of the Bible? It undermines it. So rather than re-interpret the Bible to fit evolution we're using the strategy of counter-attack to re-interpret the data of science to fit the Bible. We reverse it and we say the most important data is

the Bible, and then we go to the data of science and interpret it in light of the Bible. That's our strategy.

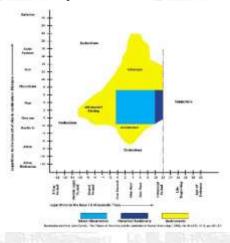
I. Presuppositions

Let's look at how the attack is occurring. We want to understand this is a war of worldviews or presuppositions. We started with a discussion of presuppositions. Here's what we mean by presuppositions. This is something you want to grab onto because more often than not this word is mis-defined. Most people think it means an assumption. That's not what it means. An assumption is merely a starting point for building an argument but it's not necessarily something you're committed to. In other words, you can trade assumptions; you're not necessarily going to go to the grave for them. A presupposition, however, is something you're committed to on a deep level. It's the belief or set of beliefs that are pre-eminent and they're so deeply tied in with the fabric of your soul that you will go to the grave for them. And what we're saying is they're ethically motivated. They're linked in with one's ethical orientation to God. And they are the most sensitive portions of the spiritual anatomy. You know when you step on one because people get upset. There will be an uproar. Why is there an uproar? Because your pricking their spiritual anatomy, their ultimate belief. What's their ultimate belief? Uniformitarianism of natural causes in a closed system.

A. Uniformitarianism

This is an interpretive principle for handling data. There are two sets of principles. The pagan principle is uniformitarianism. For this turn to 2 Peter 3. 2 Peter 3 is a commentary on the last days by the apostle Peter. Peter spells out exactly what the ultimate presupposition of pagan man is. He says in verse 3, "Know this first of all," in other words, this is of chief importance, these are Peter's last written words to the church, and his last words have to do with the ultimate commitment of paganism. He wants us to be very aware of this so that we can construct our gospel defense in such a way that it penetrates deep into the heart of pagan man that he might believe on the Lord Jesus Christ. "Know this first of all, that in the last days mockers will come with their mocking, following after their own lusts," notice, this is a sinful presupposition; it's the product of fleshly lusts. Verse 4, "and saying, here it is, this is the ultimate belief of paganism, saying, "Where is the

promise of His coming? For ever since the fathers fell asleep, all continues just as it was from the beginning of creation." In other words, uniformity of natural causes in a closed system. There are no major disturbances in history, all continues as natural processes direct the course of the universe. There's no God, no Person outside of the universe acting upon it. There is only one level of being or existence. Where have we heard that before? It's the Continuity of Being, all is one, all is material and all life arises out of non-life by spontaneous generation over vast periods of time. And what it means is that "the present is the key to the past." Present processes that we can observe now, that we can go out and measure, whether they be erosion rates, half-life decay rates, etc...can be extrapolated back in time to reconstruct earth history. The present is the key to the past. Burn those words on your brain because that's the game that's being played. Look at this diagram. This is from 1977 so there's no excuse for not knowing this; this has been in the literature for over 30 years.



Notice the blue box in the center of this chart. That's your direct experience, that's your life up to the present moment, it includes everything you can directly observe. Look at the horizontal axis where it says "One Second" and scan to the right where it says "Historical Period". That's the only zone where humans have direct experience. Now look at the vertical axis; at the bottom we see "One Centimeter" then scan up to where it says, "Mountains." That the only zone of direct experience with respect to objects. Now, just outside the blue box we have the yellow area. This depicts extensions of our direct experience by using advanced tools. You can extend your observations up with the telescope, you can see vast distances into space, see other galaxies, you can extend the observations to the left with high speed digital photography, and you can freeze high speed things like bullets going through

armor and capture what happens in milliseconds. You can extend your observations down with the microscope. But observe the right side of that diagram. Apart from the short historical period and observations recorded in history, beyond that, there's no tool that can take you to the right. Just notice that. There's not a scientific tool known to man that goes to the right side of that diagram, and that's the problem we have whenever we go to construct a natural history, a history of the universe, a history of the earth. We are limited to our direct experience, to extensions of our experience by instrumentation and to historical documents. But we can't go to the right of that line.

Yet modern man has erected a tool that he thinks he can use to take us to the right of that line and it's the tool of uniformitarianism. If my ultimate belief is that natural law is constant then I can study natural law in the present and universalize it to reconstruct a natural history. But that's proceeding purely off of a guess. Nobody, starting with themselves, really knows if natural law is constant. How could you know? There's only one way to know if natural law is constant in all of space and time. What is it? To have direct observation of all space and time. Does any human have that? No. So to say natural law is constant is simply to state what one holds to be ultimate, what one worships. There's nothing behind it. The Scriptures say there is only one constant and that's God. So don't think about this lightly, there are powerful spiritual forces at work, very sensitive portions of the spiritual anatomy are being pricked by what we're doing. So uniformitarianism is one approach to how you can reconstruct earth's history and this is the reigning approach.

B. Catastrophism

Now the other set of principles is called catastrophism. This is the other strategy for interpreting. Turn to John 3:12. There are only two presuppositions and John 3:12 is a good text to point this out. This is the famous discourse Jesus had with Nicodemus. Nicodemus had certain questions for Jesus about spiritual matters and Nicodemus was the teacher of Israel, meaning that he was the top professor. Nicodemus was responsible for training the entire nation in the word of God. So Nicodemus had a very important job in the nation and Jesus is rebuking him. If he's supposed to train the nation in the word of God, how come it is that he doesn't know the word of God. They have an interesting dialogue. But Nicodemus just ain't

gettin' it so Jesus started using earthly things to teach Nicodemus about spiritual things. Jesus was a master and He picks up nature over and over to teach spiritual truths and when Nicodemus isn't buying it He says this in verse 12, "If I told you earthly things and you do not believe, how will you believe if I tell you heavenly things?" In other words, if I tell you of earthly things that you can go out and empirically investigate, you can go out and measure these things, you can taste these things, you can quantify the data, you can check it out for yourself and you don't even believe that, how can you believe Me when I tell you about heavenly things, things that you can't go out and empirically investigate, things you can't go out and measure, things like regeneration. Have you been up to heaven to see if your name is inscribed in the ledger book? If you can't believe Me about the earthly stuff, how can you ever believe me about the heavenly stuff? And this is where the spiritual import of this class is. Are we believing what Jesus believed about the earth? If we can't believe Him when His words touch on issues of the earth then how can we believe Him when He talks about our spiritual life; when He talks about regeneration, when He talks about justification, when He talks about faith, when He talks about the Spirit? How can we believe Him about these things we can't see if we can't even believe Him when He tells us about things we can see, things we can go out and touch, taste, feel, measure, quantify, etc...? It's impossible. And if we're struggling to believe Jesus on these things then inevitably it erodes our faith. What happens is we begin to doubt the Bible is really true when it talks about earthly things and when we do that then it's a short step to doubting whether we can trust the Bible when it talks about spiritual things. And when we do that we're doing the same thing Eve did, that woman in the Garden, what couldn't she believe? God's word about a tree, a tree that she could empirically observe, a tree that she could touch, that she could taste, and her failure to believe what God said about that tree led to what? Spiritual disaster. So what we want to do is show that yes, we can trust everything the Scriptures teach and when we do it builds our faith. So, our strategy is to begin up front with the authority of Scripture. Revelation in the Scriptures is the key to the past, not present processes. So the challenge for us as Christians is can we take the data of historical geology and interpret it in terms of the framework given in His word.

II. Accommodation Strategies

Not everybody in recent church history has taken that approach. We covered various accommodation strategies and these all arose in response to the claim of long ages by modern historical science around 1800. Before 1800 they were not a part of Christian interpretations of the Scriptures. This betrays the fact that they were taking the world at face value and re-interpreting the Bible in terms of what the world said, rather than taking every thought captive to Christ and interpreting the world in terms of Christ. Here we have Theistic Evolution, God used evolution; Progressive Creationism, big bang cosmology and long ages but no macroevolution, God created individual species over billions of years, there was death. Old Earth Gap Theory, there's a gap of time in between Gen 1:1 and 1:2 where the geologic ages fit as well as the Fall of Satan. Gen 1 is a re-creation. The Framework Hypothesis. Genesis is just a literary device using panels and not intended to communicate an actual historical creation. The genealogies of Gen 5 and 11 are filled with additional time to try and accommodate to long ages.

All accommodation views fail to deal adequately with the fact that God said in Gen 1:31 that He "saw all that He had made and it was very good." Death is not good but all accommodation views must state that death is good and occurred before and/or during creation week. Yet the Bible teaches in Rom 5:12 that death did not enter until the Fall of man in Gen 3. Permitting death before the Fall of man would mean death was not a consequence of man's sin and would therefore render Christ's death on the cross for our sin meaningless. Accommodation views have also failed to explain the pre-Flood longevity and post-Flood longevity decline. Accommodation views are bankrupt both textually and theologically.

A. Theistic Evolution

Theistic Evolution, Progressive Creationism and Biologos, while differing in the details, all accept the sequence of evolution which directly contradicts the sequence of events in Gen 1 and therefore cannot be reconciled without distorting the Genesis text.

- B. Progressive Creationism
- C. Old Earth Gap Theory

The Gap Theory fails because Exod 20:11 states that God created everything that He created in six days. Further, 2 Pet 3 says there was one world before the Flood and this world was formed out of water and by water so it's not possible there could have been two worlds before the Flood, there can only have been one world before the Flood.

D. Framework Hypothesis and Genealogies

The Framework Hypothesis which states Gen 1 is merely a literary framework of panels and not intended to communicate an actual historical creation event is equally invalid because literary studies have demonstrated that Gen 1 is not poetry but narrative and should be read in a normal historical fashion.

III. Counter Attack Strategy

A. Creation

Roman numeral III, Counter Attack Strategy. Reinterpreting Genesis again and again to keep up with the conclusions of modern science does more to undermine the integrity of Scripture than to support its integrity. Up to this point we basically dealt with the Biblical Age of the Earth. What do the Scriptures say, without distorting, twisting and trying to fit some preconceived notion, what do the Scriptures have to say? Young Earth, ~6,000 years. Then we turned to point 1 on the outline...

1. Radioisotopes and the Age of the Earth

This gets us into Radioisotopes and the Age of the Earth. Radioisotopes decay at a certain rate in the present and when these rates are extrapolated into the past they're supposedly giving us the age of things. I honestly do not think that any radioisotope clock has given an accurate age beyond about the 7th century BC. Back to that point - C14 dating is probably pretty accurate and there's a biblical reason for that based on the exponential decay curve after the Flood. As long as you are in the steep transitional period of that exponential decay curve the C14 dates are off, they're magnifying the age slightly the farther you go back before the 7th century BC and this has repercussions for archaeology. Outside of that I don't think there's ever been

an accurate age of anything given on the basis of radioisotope decay. The assumptions involved have all been put into question. And this is a serious attack because radioisotopes are the icon of evolution. Before radioisotope dating was used the rocks were dated on the basis of the fossils found in the rock. And the fossils were dated on the rock they were found in. So you had a situation where each was dated according to the other which is sheer nonsense. So with the discovery of radioisotopes that all changed and now radioisotopes are claimed to give an "absolute age" of the earth. The assumptions of radioisotope dating are three. CIA. C for Constant Rate of Decay, I for Initial Amounts Known and A for Amounts Unchanged. The last two, I and A, had been questioned for a long time but recently C has been changed, Constant Rate of Decay. And of course, Peter challenges the idea that there are any constants in creation at all. And Peter's right; Peter's more profound than any scientific mind ever to walk the planet.

a. Helium Diffusion in Zircons

Here's what we're finding on the basis of taking Peter seriously and looking at radioisotopes. This is based on the Ur-Pb clock; this is the gold standard for radioisotope dating. A pierce in the armor here would be devastating to the evolutionary story. What we found was that the half life of Ur is 4.5 billion years (at present rates). And when we measure the amount of Pb in the rock there's been 1.5 billion years worth of decay. The problem, however, is that one of the by-products of Ur-Pb decay is He and we find large quantities of He in the rock immediately surrounding these zircons that is not due to contamination. There's a background level of He in the rock but that's not what we're finding. We're finding large quantities of He in the immediately surrounding biotite. Why that's a problem for long ages is that He is a slippery gas, it escapes very easily and quickly out of the rock. So it shouldn't be there and we find way more He than we should in these rocks, it should have dissipated millions of years ago. So what this shows is the only way to stockpile large quantities of He in the surrounding biotite is for the Ur-Pb decay rate to have accelerated. Your key word is accelerated decay rate. At some point in the near past Ur was decaying to Pb at a greatly accelerated rate. Otherwise, how do you explain the presence of the decay product He in high quantities? So the question you want to ask someone is, "Why are we finding large quantities of He in these zircons?" We don't question 1.5 billion years of decay, what we question is the rate at which that 1.5 billion years worth of decay occurred. At today's rate it would take 1.5 billion years. But the He quantities argue that in the past it didn't occur at the same rate but an accelerated one. That's the argument form Helium diffusion in Zircons. And it challenges the basic assumptions that radioactive decay occurs at Constant Rates.

b. Radiohalos in Granites

Then we came to Radiohalos in Granites, we're talking about Po radiohalos. These were discovered in the late 1970's. Extensive research has refined our understanding of these halos in recent years. Po is one of the decay products in the Ur-Pb chain, but it's very short lived. That means it's hard to capture in the rock, yet we find dark Po radiohalos all over the earth in all the strata which means a lot of Po decay in a short amount of time on a global scale. The only way this can happen is if the rock it was captured in cooled very rapidly. And that is a death blow to the evolutionary story because in the evolutionary story the earth cooled off very, very slowly over billions of years, and if that were true you couldn't capture these dark Po radiohalos. So again it signifies accelerated decay of Ur to Pb and additionally, it shows rapid cooling of the earth and a global phenomena. We suspect both the He in Zircons and Radiohalos in Granites are attributable to the Flood. The Flood is the key event, geologically speaking. The Flood is really what all the arguments about the age of the earth come down to, whether it was a Global or Local Flood and that's why Morris and Whitcomb called their 1961 book The Genesis Flood and not The Genesis Creation. The Flood is the key. That's when we suspect accelerated radioisotope decay occurred. Theoretical considerations for how that occurred have been modeled and shown that if the depth of a potential well is changed in the nucleus of an atom then this can theoretically change the decay rate billions of fold.

c. Isochron Discordance

Then we looked at evidence from Isochron Discordance and what this means is the different radioisotope clocks in the same rock disagree. So if you take the Rb-Sr clock, the Ur-Pb clock, the Pb-Pb clock and the Sm-Nd clock all in the same rock and see what ages you come up with, they all give different ages of the same rock. Now if these are all clocks that are constant then they should all give us the same age of the rock. But they don't and you can go to

Grand Canyon and date some of the rocks and the clocks in the same rocks don't agree with one another. Steve Austin, who's worked in the Grand Canyon for over forty years says he doesn't think any Grand Canyon rock has ever been dated accurately. And what we learn from this is that radioisotope clocks are in need of serious repair. Radioisotopes do not decay at constant rates, they decay at variable rates depending on some factors yet unidentified in experimentation but theoretically plausible.

d. Carbon Dating

We said one of the most striking evidences actually comes from Carbon Dating. Carbon dating is only good for about 60,000 years because the half life is very short compared to these other radioisotope clocks. And what has been discovered out in the secular literature is discovery of C14 in coal. This is impossible in the evolutionary story because coal formed very slowly millions of years ago, so all the C14 would have decayed. But we find it all over the earth. So again, a serious problem for an old earth but not a problem at all for a young earth. Then, to make this even worse, diamonds were examined and diamonds were found to have measurable quantities of C14 in them. This was just a shock because diamonds form deep in the earth a long, long time ago, and there's no way for C14 to diffuse into a diamond because diamonds are very hard and non-porous, so to find C14 in diamonds indicates a young earth.

After we concluded the age of the earth from a scientific standpoint we concluded that there is evidence of both an old earth and a young earth but we conclude from the evidence that lots of decay occurred in a very short period of time. That time is the Global Flood of Noah. That event is the key to understanding accelerated decay. Conditions were such that radioisotopes decayed at greatly accelerated rates compared to present rates.

B. Pre-Flood

C. Global Flood

We looked at the Flood model of Dr Walt Brown. We're not trying to say his model is THE model; we're just trying to say that brilliant and godly men have thought about the Flood seriously and built models from the text which

explain the data we find in the earth. This was a massive, global catastrophe that explains the mid-Atlantic rift valley, it explains the formation of all the deep ocean trenches and mountain ranges, it explains the present continental shape, it explains the rapid burial of fossils in the Paleozoic and Mesozoic.

The Flood stands in between the pre-Flood and post-Flood world and explains the shift from the first world to the second world. Peter says the Flood is the dividing line. And it changed things so greatly that the post-Flood world went through an exponential decay over several centuries or millennia to reach its present conditions. The environment of the pre-Flood world was very different than what we live in today. So different that men lived over 900 years of age. That's Gen 5; go calculate the ages, do the math, plot it on a chart with age on the vertical axis and time on the horizontal axis. It's a very simple experiment to do, yet Christians don't do it, they just wander around. Is the Flood local or Global? And they have a big debate, totally leaving out the data of Gen 5 and Gen 11. Gen 11 is on the other side of the Flood and these people's longevity decreased rapidly. Go plot their ages on the same chart and look at the curve that comes out of the data of Gen 11. Any engineer will tell you that's an exponential decay curve and he'll tell you what it means is that you went from one steady state to another. It's a very simple experiment yet it tells us something massive happened to change longevity from 900 to 90. That's a ten fold reduction of age? What happened to cause that reduction? The Flood is what happened. So go home and train your children how to do real Bible study, not "I opened my Bible today and put my finger on a verse and read it and this is what I got out of it." That's not Bible study. Do stuff like this, real Bible study, simple but real and it impresses on you this is not some religious mumbo jumbo, this is a real book that speaks about the real world in which we live.

1. The Geologic Column

2. Fossils

Then we came to the repercussions of the Global Flood. The Global Flood explains a lot of data. Let's look at some of it. What does the Global Flood explain? We looked at the Geologic Column and this should just be a joy to any and every Christian. When you look at this it so perfectly lines up with the Biblical model that we ought to be trumping this around. This is great.

Look at the border of the Precambrian and Paleozoic. Practically no fossils in the Precambrian and then suddenly millions and millions of fossils in the Paleozoic. Scientists call this the Cambrian explosion! By which they mean life just suddenly appeared. But that is not the sudden appearance of life, that's the sudden appearance of death. Look at how they play with the language. They call that the sudden appearance of life. That's a fossil, that's not life, that's death. But that's how they play the language game. And the kids in the system are not being trained to critically think so they don't catch it. But if you back off and think critically you say, hey, that's not a picture of sudden appearance of life, that's a picture of sudden appearance of death. And that's the border line between the pre-Flood world and the Flood. First you find deep marine organisms, they would be buried first in the Flood, then shallower marine organisms as the waters rose, then you start seeing plants and land animals that have no motility or are slower in motility and finally you find land animals that have faster motility and could retreat to higher ground as the waters rose. That's exactly what we find and that's exactly what we predict from the Creation/Flood Model. There are no transitional forms. Everything is fully functional and beautifully laid out in the fossil record. Creation rock is Precambrian rock, Early Flood rock is Paleozoic, Late Flood rock is Mesozoic and post-Flood rock is Cenozoic, most of it forming during the steep exponential decay curve period. Erosion occurring afterwards according to present rates has occurred since then but it explains very little of the data in comparison.

C. Post-Flood

1. The Ice Age

It explains the conditions necessary to get an ice age started. That's something secular science has never explained. They've got over 60 competing models based on uniformitarian principles and none of them can explain how an ice age could get started. They all end up with it's too cold to snow! But the Global Flood perfectly explains it. You had a global catastrophe that set off hundreds of volcanoes and earthquakes which released heat into the earth's newly formed oceans, the volcanoes spewed ash and aerosols into the atmosphere which blocked the sunlight, cooling the atmosphere over the land surface. As the hot waters evaporated out of the oceans the cool atmospheres caused massive snow dumps rapidly building glaciers, cooler

summers allowed these glaciers to grow year by year. Oard's model predicts that the oceans were as hot as 85 degrees F and that the glaciation would reach it's maximum in 500 years, the de-glaciation would take about 200 years. So 500 and 200 is 700 years, the ice age lasted 700 years after the Flood taking us through the times of Job, Abraham, Isaac, Jacob and Joseph. We have references to radical climate change in the book of Job and Genesis to point us in this direction.

It explains the land bridges and migration routes. With the water trapped in glaciers the ocean levels were lower exposing land bridges between many places now cut off by ocean waters. This allowed a post-Tower of Babel dispersion to occur for both man and animals to places now inaccessible by land. Evidence of civilizations along these land bridges, now under water, has been discovered.

2. Ape-Men

It explains the so-called ape-men. They're not ape-men. They're men who went out in the dispersion from the Tower of Babel and lived at the fringes of civilization. Job talks about them: they eat roots, they're ostracized from the community, they live under rocks and in holes in the ground. They weren't stupid; they were probably more brilliant than any of us will ever be. Dr. Custance argued that they invented almost everything we use today. And the reason they were such great inventors is because their living conditions forced them to invent things for survival. The environment that best promotes inventiveness is not sitting in a room thinking for hours on end but pressure in life, pressure to survive. In a survival situation you're highly motivated and you simplify things and as they say, the simpler the design the better because if you have 2,000 parts and one part breaks the whole thing is useless, so you need simple designs. These people were brilliant innovators and Custance has all kinds of lists of things, hundreds of things that we still use today in the modern world, refined of course, but the basic ideas were put together by these so-called ape-men that went out. They weren't ape-men, they were men made in the image of God who went out and lived in tough environments, had poor diet, and if you have poor diet your bones remain softer and they can be contorted by muscular contraction. We still see this with Eskimo's and Aborigines. Their contorted facial structure doesn't mean they were stupid. Aborigines aren't stupid, we put them in the classroom

next to Caucasians and they scored just as high on the aptitude tests, so the claims of ape-men are all just fictitious evolutionary stories desperate to find some missing links. There are no links. The more primitive looking fossils are those farther from the Tower of Babel which shows they were those who were facing the most extreme climates and living conditions. The bottom line is apes are apes and men are men; each reproduces after their own kind.

3. Dinosaurs

The Flood also explains the extinction of many animals such as the great dinosaurs. The dinosaurs were created by God in creation week. They were changed at the Fall, anatomical and physiological and behavioral changes took place due to man's sin and God's curse on man and nature. We read about these kinds of changes in the serpent and indication is made that these kinds of changes took place in all animals. Before the Fall the diet was herbivorous, after the Fall the diet develops into carnivorous and omnivorous. About 95% of known dinosaurs were herbivorous, only about 5% were carnivorous. But the point we want to clearly make is that they did live contemporaneous with man. Two of each kind of dinosaur also got on the Ark and got off the Ark. Genesis 6, 7 and 8 note it. But apparently the post-Flood environment of the new world was not conducive to the survival of dinosaurs. Some survived. Job knew of Behemoth which sounds like the description of a massive Sauropod such as Diplodocus or Seismosaurus laying in the Jordan River. So they did live for some time after the Flood. He also knew of Leviathan, a great sea monster unlike anything we know in the oceans today. Leviathan continued to exist at least down to Isaiah's day just 2,700 years ago. But apparently these creatures went extinct as the environment changed to its new steady state.

4. Woolly Mammoths

The Flood also explains the frozen woolly mammoths in Siberia. They died probably about 500-700 years after the Flood when the ice age was deglaciating and the water levels in the oceans were rising. This cut off the woolly mammoths from escaping south and many of them drowned or were trapped on islands. Dust storms trapped them as the climate changed and they were buried and permafrost from underneath rose up to trap them in ice and preserve some partially digested foodstuffs in their stomachs.

5. Grand Canyon

The Flood also explains Grand Canyon in that when the Flood waters retreated into the newly formed ocean basins some water was left behind in large depressions in the earth forming post-Flood lakes. We have evidence of three of these lakes east of Grand Canyon; Hopi Lake, Canyonlands Lake and Vernal Lake, none of them in existence today. If the dam of Hopi Lake, the Kaibab Upwarp was breached either by overtopping or piping then that could trigger earthquakes that would cause the breaching of the dams of Canyonlands and Vernal Lake in succession sending over 3,000 cubic miles of water through the Kaibab Upwarp and forming Grand Canyon via known geologic processes such as cavitation, plucking and kolk. Of course, other unknown geologic processes could have been involved. But our point is it was catastrophically formed, not gradually formed according to uniformitarian principles. The legends of the Havasupai Indians that still live in the Grand Canyon confirm it was torn out after the Flood. So they migrated along the land bridges after the dispersion from the Tower of Babel into North America and settled around the Utah, Colorado area and they have legends of the Flood and the Canyon formation that confirm it was a rapid, catastrophic event which formed the Canyon.

So, these are a number of things that the Flood explains and I hope this class has opened your mind to see some of the fantastic things God has done in the earth and confirmed to you that we need to always take the most important data first, the Scriptures, then go out into the earth and interpret the data accordingly. They key is in rightly dividing the word of truth and paying attention to everything God has said. Revelation is the key to the past, not present processes. The world has radically re-interpreted everything in all creation to suppress the truth in unrighteousness, to hide their conscience from Him with whom we have to do and were it not for the grace of God in our lives we too would remain in ethical hostility to him and we would be creating gods out of natural processes of our own finite experience. But by His grace our eyes have been opened to see that the heavens, the earth and all that is in them pay continual and clear testimony to the Lord God almighty and His handiwork in the earth. It is not an impersonal universe. God both judges and saves and the Flood is a monument to this truth, believe in the Lord Jesus Christ and you shall be saved.

 $^{\rm i}$ G. Richard Bozarth, "The Meaning of Evolution," $American\ Atheist,$ February 1978, p. 30. Copyright (c) Fredericksburg Bible Church 2010