

Chapter 1 : Restful atmosphere -- great retreat!! - Review of Woodsong Inn Retreat, Frankford, DE - TripAc

The retreat was designed to provide ample time for rejuvenation with inspirational messages, breakout sessions, community service, free sessions with a licensed counselor, a hour prayer room, and even hand massages.

There are many things in the atmosphere, but basically it is made up of two different elements which are gases. It is mostly argon plus small amounts of carbon dioxide and a number of other gases. In addition to those things, air also contains dust, pollen, spores, ash, and various chemical pollutants. If you consider the air by mass or weight instead of volume then some of those gases like water vapor and carbon dioxide which are heavier would consist of a larger percentage of the air. The same would be true of particles and other pollutants in the air. The densest and heaviest part of the atmosphere is near the Earth. At that altitude the atmosphere is so thin that no vehicle with wings can actually fly there. You have to be in a rocket traveling fast enough to orbit the Earth to stay that high above the earth. That altitude of km or 62 miles above sea level is called the Karman Line. But even above that altitude the atmosphere still exists even though it is very, very thin and we consider that area to be space. It begins at the surface of the earth and goes up from there to about 23, feet 7 km at the poles or 56, feet 17 km at the equator. The air in the troposphere is mostly warmed by heat coming from the surface of the Earth. For that reason the troposphere is warmest close to the earth and the temperature decreases with altitude. Above the troposphere is the stratosphere which extends to about , feet or 32 miles 51 km. As you go higher in the stratosphere the temperature actually increases because the heat there comes directly from the sun. Above the stratosphere is the mesosphere. It extends up to , to , feet or 50 to 53 miles 80 to 85 km. The temperature decreases as you go higher into the mesosphere. Water vapor there freezes forming ice clouds known as Noctilucent clouds. Above the mesosphere is the thermosphere where the temperature actually increases as you go higher. However, the molecules are so far apart that their temperature is meaningless. The International Space Station orbits in the thermosphere. Here the molecules are so far apart that they can travel hundreds of miles before bumping into one another. The gases in the exosphere are mostly hydrogen and helium. Once you reach the height of the thermosphere and exosphere you are considered to be in space. In fact the United States definition of an astronaut is anyone who has flown more than 50 miles 80 km above sea level. Air presses on everything, including our bodies. If we drive up or down a mountain or ascend or descend in an airplane our ears pop because of the change in air pressure. Air pressure can also change when a low pressure system enters the area where we live and the barometer an instrument which measures air pressure indicates the pressure has dropped. That usually means that the storm may be approaching. An altimeter is an instrument used by pilots or mountain climbers to tell how far they are above sea level by measuring the air pressure. In commercial airplanes which fly at around 33, feet 10 km the cabin is pressurized to make up for the fact that the outside air pressure is very low. As people climb mountains the air becomes thinner making it harder for them to breathe and making them tired and weak. People who climb very tall mountains, such as Mount Everest which is 29, feet m above sea level, take oxygen along to help them breathe in the thin air. Ozone is a molecule of oxygen containing 3 atoms instead of the usual 2 atoms. The ozone layer plays an important part in protecting us from harmful ultraviolet UV radiation from the sun. Ozone in the air we breathe causes headaches, burning eyes and breathing problems, and it can permanently damage our lungs. However, in the ozone layer high above, it protects us from the harmful UV rays. Some man-made chemicals such as CFCs cause harm to the ozone layer and for that reason that have been banned in most countries. People have done that to protect the ozone which protects us. It is interesting that the ozone layer is actually created and sustained by the UV radiation from the sun " the same UV rays that the ozone layer protects us from. The design of the atmosphere is amazing. That would include the mesosphere, the thermosphere, and the exosphere. In this area the molecules of the atmosphere are ionized by solar radiation, meaning that they have electrons stripped away. These ionized molecules can reflect radio waves that are transmitted from the earth and therefore cause changes in worldwide radio reception. It is also the ionosphere which causes auroras. These are natural light displays in the sky usually seen at night in regions near the Arctic and Antarctic circles. Solar wind is a gas of free electrons and positive ions emitted by the outer layer

of the Sun, called the corona. The solar wind travels through space in all directions and reaches the Earth. The auroras can be green red or blue with green being the most common of all. They are very beautiful to watch but are usually seen only by people who live in the far northern or southern parts of the world. The atmosphere between the surface of the earth and the ionosphere can act like a large electrical circuit. During thunderstorms we often see lightning in which millions of volts of electricity move between clouds or between clouds and objects on the earth. The electrical voltage is produced when tiny droplets of water vapor pick up small electrical charges and then they condense together to form larger droplets while combining their electrical charges until finally the voltage is high enough to cause an electric spark to jump through the air. The spark causes a flash of light and as it heats the air it also causes a loud noise we know as thunder. Because of the massive amount of power it releases, lightning can do great damage to objects or buildings or people. You can get an idea of how far away a lightning strike is by counting the time between the flash and the sound of the thunder. Light travels at the speed of , miles per second, so the light is seen almost instantly. Sound at sea level travels at about feet per second so it takes about 5 seconds for sound to travel 1 mile. If the time between the flash of the lightning and the sound of the thunder is 5 seconds, then you know that lightning strike was about a mile away. Written and Designed by Roland Earnst.

Chapter 2 : Atmosphere of Earth - Simple English Wikipedia, the free encyclopedia

Whether you're looking for a weekend retreat or a luxurious spa retreat, you will be able to find the healing qualities of California. Whatever the case may be, many of the retreats you will find here will feel a whole lot like personal retreats, designed specifically with you in mind.

The atmosphere of the retreat should be indicated in St. John the Baptist when he saw Jesus pass by. Like Simon Peter and the other disciples Jesus called, we too must respond to his call, if only to see where he is. Moreover we should ask God what do you want of me? What are we looking for? More specifically what do I want? If we look at newspapers, magazines, T. But these are only opinions and so many of them contradict one another. There is however, one person in this world who has no opinion, namely, Christ. Christ does not have any opinion of what and how we should be and do, but rather he expresses a fact – the truth of how and what we should do. This is most explicitly pointed out in the Sermon on the Mount. During this retreat we must be open and listen but in doing so, I must give myself actively in order to grow in the truth which Christ expressed. I must now obediently listen to Christ. I must ask myself, What in my life am I afraid of? I must develop a self-knowledge – the kind of knowledge that will lead us to LOVE. Now in order for me to do this I must undergo a conversion. I must want and desire to love and be loved with all my being. In this retreat I must pray that I may enter into the Risen Christ, here and now present. In doing this I am seeking His peace – the peace of a real friend. I do want to see Him and dwell in Him. I hope in Christ because I am loved more than I can possibly love, and I am wanted even more than I want to be wanted. Christ therefore is really more interested in making me this retreat than I am, although I give my all to this task. We beg that we may be open to Christ; to be more loving and even more loveable. Examination and Additional Thoughts: God is calling me to make this retreat and I must respond by, b. The presentation of myself to the Father through Christ. It is the Nativity in which I am born in Christ. It is my rebirth in which Christ lives in me. The Apostle once said: And what does he mean to me. Paul had his greatest trial and humiliation. When Paul arrived in Athens he began to preach; and it happened that several Greek scholars approached Paul with questions concerning his new teachings. Paul approached the matter by citing the Greek inscription: To the Unknown God. This Paul said was the God of Abraham, etc. And he taught Christ and his resurrection. But when the Greeks heard the word resurrection they left Paul in despair. And so we pray that this Unknown God make Himself known to us. Today God is dead. But in order to do this we must know God. And so I ask myself, What is my image of God? Is God the unknown God to me. Do I simply talk about God or do I talk directly to Him? How, then, can I grow in the Knowledge of God? I can only know a person as a friend, only when I realize that his life is involved in mine and mine in his. And so it is with God: I know God only when I begin to realize that He is involved in me; I must then respond to his involvement. Not only is God involved in me, but I in Him – an involvement which is manifested through Creation – through my Creation. But I can say My God, because God owns as it were all of creation. He therefore owns me and I in turn recognize his ownership. And so in beginning to know who the real unknown God is, I must recognize an involvement – an involvement which culminates in the Incarnation which draws me into Him – the Creator. I pray therefore, to Love God with a passion. Psalms 62, and I pray that God may become known to me so that I may claim his as My God. Explanation and Additional Thoughts: I must choose God as He chose me. The Spiritual Exercises of St. Ignatius, by Louis J. It is a mode of activity. All happiness comes from activity – from doing something. Activity is a sign of Life. However, there are two different kinds of Activity: Physical Activity - Physical Activity is that type which is directed toward activating the body. The more active we are the more recreated we become. And so Activity is refreshing precisely because it is a fuller participation in creativity. It is an action of the intellect and will. This is the deepest kind of Activity, for it is only Spiritual Activity that Physical Activity is creative and refreshing. As an individual increases in age so too should he increase in wisdom. In other words the more mature a person is so too should he mature in Spiritual Activity. There is a twofold purpose of Spiritual Activity. I must rid myself of an attachment to inordinate things, places, events, etc. This, then, is a liberation – a process of freeing. I must therefore, develop an asceticism in my

life. And so, in any personal relationship with another , our whole mind and body must be involved in manifesting our activity – this active relationship. For example, if I am going to manifest my relationship to God I will meditate in a manner indicative of that relationship. I will manifest that activity by kneeling. During this retreat St. Ignatius warns us against the enemy. And so Ignatius warns us against two specific dangers: I should always keep in mind that I am wanted even more than I want to be wanted. I must realize that I am being acted upon by the force of God. I am being drawn by Him. I must not look at the negative sides of things only. I must not fall into the trap of only considering my faults, the ability I do not have, nor the past which I have left. It is a knowledge of being wanted and the power of one wanting me to be wanted. Pray to understand the Truth. Knowledge will naturally fall in. Love and relish the Truth. The object of Prayer is for an intimate understanding of the truth. Generosity We must be generous to our Lord and creator – we must be open to him. I must offer myself, that God may mold me, so that He will imprint his image in me. Yet we fear a total offering. We fear the past and future. But to overcome this fear recall the words of Mary: Openness to the Spiritual Director: I must remember to be patient in striving for the heights. I must learn to depend upon the Spiritual Director to give me that initial life. Reflection on what and how much I have to give up will only serve to hinder the benefits I might be gaining. This type of a reflection is only but a temptation.

Chapter 3 : Scientific opinion on climate change - Wikipedia

Whether you're running a company of five or , changing pace with a retreat will re-energize your team, encourage cross-departmental collaboration and strengthen internal bonds.

Are you desiring time for personal reflection, relaxation, and rejuvenation? Imagine having the time, space and safety to do this. A retreat designed for women is a beautiful experience that facilitates self-growth. Because every woman on the retreat is seeking the same thing: Even so, you probably have a few major questions before you jump into such a transformative experience. Your first retreat of this kind can be pretty intimidating. We are here to walk you through it, starting by answering your biggest questions. Quiet retreats can provide you with spiritual direction and provide space for creative explorations. Then weekend retreats might fit better with your schedule. Escape to a beautiful setting for weekend retreats that can provide you with spiritual direction and peace of mind. You could even attend a day retreat with women, uplifting one another with prayer and strength-building workshops. Group retreats with women can be downright life-changing. A contemplative community of women awaits you. In fact, it will be very natural. You will spend your day with these women, exploring the dustiest corners of your heart and the achiest joints in your body. These activities tend to remove all the barriers that we normally keep up in our day-to-day lives. Most women actually make lifelong friends on these retreats. You might even meet a travel buddy for your next adventure or retreat: And you know what is especially powerful about this sisterhood? Close your eyes right now yes, do it! Picture yourself in a place where your troubles escape you and the air that you breathe seems to lift you ever so slightly with each inhalation. Are you in the Sierra Nevadas of California , breathing in the pine air as you practice yoga and meditation. Or maybe you are on the white sandy beaches of Florida , with cleansing tropical waters swirling at your feet. Wherever the place may be, be sure that it makes you come alive. Because the most growth happens when you are in a place that makes your heart sing. If you book a retreat center in a place you love, you will have the experience of a lifetime. Be sure that the retreat you book meets all of your needs, physically and spiritually. If you want a retreat that includes meals, workshops, a spa treatment, or even a Thai massage, you can have it! Get your surf holiday in Costa Rica , or your detox workshops in Thailand. Hey, it goes both ways: Pay attention to the non-refundable deposit and always take care of yourself financially. Take this opportunity to address your biggest inner demons in whatever way you see fit. If you are Christian, then join your Christian sisters and use their strength to uplift you during your journey, such as with Camp Lebanon retreats in the US. If you are Buddhist, pull on the teachings of the Buddha to find your own inner peace. Whatever your spiritual side looks like, honor it. That means, retreat from your everyday life and jump into this self-help retreat of sorts to learn how to take care of yourself on every single level. And this most definitely includes diet. Take this opportunity to explore your relationship with food and to go deeper in your culinary prowess. Check out a raw food retreat like this detox retreat in Ecuador or learn how to eat according to your dosha at an Ayurvedic retreat. This is your time, so soak it up and learn a few things in the kitchen to take back home with ya in your daily life. Or escape to Costa Rica for a surf retreat, where nature rules and people are just the background. A Good Fit of Vibes And last but not least is the vibe situation. This retreat should be treated as your very own personal retreat, one in which you are exploring the depths of your inner world with the help and support of other retreat goers and the retreat owners. Even if a retreat has amazing pictures and all the right words, it can sometimes feel a bit off. Or maybe the pictures are grainy and the description is minimal, but you feel a cosmic connection to the retreat owner. Join a group of like-minded people for a wellness retreat for women or a spiritual retreat. Relax and rejuvenate yourself with spa treatments. The possibilities are endless. How to harness your greatest power: While people from all backgrounds can certainly connect on a spiritual level, the spiritual connection among women is indescribable. Women have the ability to create life and have grown through their own lives guarding that ability with every resource innate to us. Not sure where to begin? There are so many beautiful spiritual retreats in Sedona, Arizona. Health Retreats for Women Escape to a place where the entire facility is designed specifically for you. Find a retreat that meets your physical, spiritual, and emotional needs as they

are as a woman. Do it on a tropical beach or do it hidden away in the mountains. Jump into a fitness retreat, which may be designed to push your body to its limits. Or sign up for a detox retreat so that you can reset your body for your new, abundant life. Join other women for your health journey designed just for you. As a woman, wellness encompasses so much of our feminine role in this world and the way in which we honor it. A wellness weekend retreat for women can be a powerful tool to do that. Draw upon the strength of the women around you as you learn how to care for yourself physically, spiritually, emotionally, and intellectually. It can show you what tools you already possess in order to cope with stress, as well as teach you new techniques that you may have never tried before. A mental health retreat may offer you group therapy sessions or just a quiet space to reflect on the lessons you have learned. If not, they get stuck inside of you for years to come, only to resurface at the most inconvenient times. So why sacrifice one for the other? How amazing is that? Luckily, there are plenty of options to choose from. Healing Retreats in California California is a pretty hot spot for many health and detox retreats. The temperate climate, unlimited sunshine, and dry heat provide the ideal climate for growing abundant fresh food. Those same qualities also have some undeniable healing qualities on us, too. Whatever the case may be, many of the retreats you will find here will feel a whole lot like personal retreats, designed specifically with you in mind. Spiritual Retreats for Singles A lot of people are seeking a deeper connection with others and these types of retreats certainly offer that. And improve your yoga practice along the way. While we totally love that more and more people are practicing yoga, no matter their color, it would be pretty irresponsible if we acted as if yoga helped surpass all of the other cultural and societal and human! Besides the fact the people like to belong, black women have an especially unique experience that cannot be understood by any other group than other black women. Women of color face unique challenges and successes that are different from white people, black people, black males, or basically any other group. It can be incredibly healing for a black woman, then, to get together with other women of color and connect on a deeper level than may be possible in other settings. Mindfulness Meditation Retreats for Women Mindfulness meditation is an incredible self-care technique that helps make dealing with everyday life a little bit easier. There are hundreds of studies that have examined the benefits of mindfulness, all of which show that participants had positive results which, in scientific terms, is absolutely remarkable. It can be used during fun activities too! Mindfulness is so powerful because it can be used in wide variety of activities, more than just your meditation practice. It can be used as you prepare your meals, as you drive your car, as you interact with people, or basically in anything that you do. If your focus is on personal growth that can be seen in your everyday life, then mindfulness meditation retreats may provide you with the skillset that you need to achieve that. It will provide the opportunity for long-lasting personal transformation and holistic healing. Attend daily yoga classes, enjoy delicious meals, pamper yourself at the spa, find a workshop or two to attend, soak in a hot tub, and get to know the other guests for some lifelong friendships. You could even round up your favorite girlfriends and head to a retreat center nearby for a rejuvenating weekend retreat. We all need it every once in awhile and there is absolutely no shame in doing it for yourself. Discover More Handpicked Retreats.

Chapter 4 : The Retreat Wine Bar, Cheltenham - Restaurant Reviews, Phone Number & Photos - TripAdvisor

Women Clergy Retreat Creates Atmosphere of Affirmation and Healing By: Mylon Medley, North American Division News While scanning the low desert of southern California, one cannot help noticing the skyline of the surrounding mountains and hills that contrasts vividly with the vast open sky.

Lake A lake from Latin lacus is a terrain feature , a body of water that is localized to the bottom of basin. A body of water is considered a lake when it is inland, is not part of an ocean , and is larger and deeper than a pond. Natural lakes on Earth are generally found in mountainous areas, rift zones , and areas with ongoing or recent glaciation. Other lakes are found in endorheic basins or along the courses of mature rivers. In some parts of the world, there are many lakes because of chaotic drainage patterns left over from the last Ice Age. All lakes are temporary over geologic time scales, as they will slowly fill in with sediments or spill out of the basin containing them. Pond A pond is a body of standing water , either natural or man-made, that is usually smaller than a lake. A wide variety of man-made bodies of water are classified as ponds, including water gardens designed for aesthetic ornamentation, fish ponds designed for commercial fish breeding, and solar ponds designed to store thermal energy. Ponds and lakes are distinguished from streams by their current speed. While currents in streams are easily observed, ponds and lakes possess thermally driven micro-currents and moderate wind driven currents. These features distinguish a pond from many other aquatic terrain features, such as stream pools and tide pools. Human impact on water[edit] Humans impact the water in different ways such as modifying rivers through dams and stream channelization , urbanization , and deforestation. These impact lake levels, groundwater conditions, water pollution, thermal pollution, and marine pollution. Humans modify rivers by using direct channel manipulation. Dams are good for humans, some communities need the reservoirs to survive. However, reservoirs and dams may negatively impact the environment and wildlife. Dams stops fish migration and the moving of organisms down stream. Urbanization effects the environment because of deforestation and changing lake levels, groundwater conditions, etc. Deforestation and urbanization go hand in hand. Deforestation may cause flooding, declining stream flow, and changes in riverside vegetation. The changing vegetation occurs because when trees cannot get adequate water they start to deteriorate, leading to a decreased food supply for the wildlife in an area. Lightning is an atmospheric discharge of electricity accompanied by thunder , which occurs during thunderstorms and certain other natural conditions. The remaining gases are often referred to as trace gases, [13] among which are the greenhouse gases such as water vapor, carbon dioxide, methane, nitrous oxide, and ozone. Filtered air includes trace amounts of many other chemical compounds. Air also contains a variable amount of water vapor and suspensions of water droplets and ice crystals seen as clouds. Many natural substances may be present in tiny amounts in an unfiltered air sample, including dust , pollen and spores , sea spray , volcanic ash , and meteoroids. Various industrial pollutants also may be present, such as chlorine elementary or in compounds , fluorine compounds, elemental mercury , and sulphur compounds such as sulphur dioxide [SO₂]. The atmosphere also retains heat during the night, thereby reducing the daily temperature extremes. These layers are mainly determined by whether temperature increases or decreases with altitude. From highest to lowest, these layers are: The top of the thermosphere is the bottom of the exosphere, called the exobase. It is the layer where most meteors burn up upon entering the atmosphere. The troposphere is mostly heated by transfer of energy from the surface, so on average the lowest part of the troposphere is warmest and temperature decreases with altitude. The tropopause is the boundary between the troposphere and stratosphere. Other layers Within the five principal layers determined by temperature are several layers determined by other properties. The ozone layer is contained within the stratosphere. It forms the inner edge of the magnetosphere. The homosphere and heterosphere: The homosphere includes the troposphere, stratosphere, and mesosphere. The upper part of the heterosphere is composed almost completely of hydrogen, the lightest element. Effects of global warming[edit] The Retreat of glaciers since of Aletsch Glacier in the Swiss Alps situation in , and , due to global warming. Effects of global warming The potential dangers of global warming are being increasingly studied by a wide global consortium of scientists. These scientists are increasingly concerned

about the potential long-term effects of global warming on our natural environment and on the planet. It is clear the planet is warming, and warming rapidly. The most recent report from the Intergovernmental Panel on Climate Change the group of the leading climate scientists in the world concluded that the earth will warm anywhere from 2. Some examples of recent collaboration to address climate change and global warming include: Another view of the Aletsch Glacier in the Swiss Alps and because of global warming it has been decreasing The United Nations Framework Convention Treaty and convention on Climate Change, to stabilize greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system. A common solution is to adapt a static view neglecting natural variances to exist. Methodologically, this view could be defended when looking at processes which change slowly and short time series, while the problem arrives when fast processes turns essential in the object of the study.

Chapter 5 : What Is the Atmosphere Made Of?

97 reviews of Mommy's Retreat "Let me just start by saying I usually do not leave reviews but oh my god I just have to. The moment I walked in I was greeted by three ladies with smiles on their faces.

Scientific consensus[edit] Several studies of the consensus have been undertaken. Individual scientists, universities, and laboratories contribute to the overall scientific opinion via their peer-reviewed publications , and the areas of collective agreement and relative certainty are summarised in these respected reports and surveys. Glacier retreat is one of the most direct and understandable effects of climate change. National and international science academies and scientific societies have assessed current scientific opinion on global warming. These assessments are generally consistent with the conclusions of the Intergovernmental Panel on Climate Change. Some scientific bodies have recommended specific policies to governments, and science can play a role in informing an effective response to climate change. Policy decisions, however, may require value judgements and so are not included in the scientific opinion. The last national or international scientific body to drop dissent was the American Association of Petroleum Geologists , [23] which in [24] updated its statement to its current non-committal position. Synthesis reports[edit] Synthesis reports are assessments of scientific literature that compile the results of a range of stand-alone studies in order to achieve a broad level of understanding, or to describe the state of knowledge of a given subject. Greenhouse gas emissions, driven largely by economic and population growth, have led to greenhouse gas concentrations that are unprecedented in at least the last , years. These, together with other anthropogenic drivers, are "extremely likely" to have been the dominant cause of the observed global warming since the mid 20th century. Limiting climate change would require substantial and sustained reductions in greenhouse gas emissions which, together with adaptation, can limit climate change risks. The stronger our efforts to reduce greenhouse gas emissions, the lower the risk of extreme climate impacts. Holdren , cited increased scientific confidence "that the kinds of harm already being experienced from climate change will continue to worsen unless and until comprehensive and vigorous action to reduce emissions is undertaken worldwide. The last such meeting, in Copenhagen in , the NY Times reported, had ended in disarray. Global warming in this case was indicated by an increase of 0. Higher than normal temperatures are shown in red and lower than normal temperatures are shown in blue. Benefits and costs of climate change for [human] society will vary widely by location and scale. Only rarely does scientific odds-making provide a more definite answer than that, at least in this branch of science, and it describes the endpoint, so far, of a progression. On sea levels, the report projects rises of 7 to 23 inches by the end of the century. Global Change Research Program reported in June [39] that: Observations show that warming of the climate is unequivocal. The global warming observed over the past 50 years is due primarily to human-induced emissions of heat-trapping gases. These emissions come mainly from the burning of fossil fuels coal, oil, and gas , with important contributions from the clearing of forests, agricultural practices, and other activities. The report, which is about the effects that climate change is having in the United States, also says: Climate-related changes have already been observed globally and in the United States. These include increases in air and water temperatures, reduced frost days, increased frequency and intensity of heavy downpours, a rise in sea level, and reduced snow cover, glaciers, permafrost, and sea ice. A longer ice-free period on lakes and rivers, lengthening of the growing season, and increased water vapor in the atmosphere have also been observed. Some of the changes have been faster than previous assessments had suggested. Human activities, primarily the burning of fossil fuels coal, oil, and natural gas , and secondarily the clearing of land, have increased the concentration of carbon dioxide, methane, and other heat-trapping "greenhouse" gases in the atmosphere There is international scientific consensus that most of the warming observed over the last 50 years is attributable to human activities. Avoiding dangerous climate change There is an extensive discussion in the scientific literature on what policies might be effective in responding to climate change. In general, however, risk increases with increases in both the rate and the magnitude of climate change. This article mostly focuses on the views of natural scientists. However, social scientists, [42] medical experts, [44] engineers [42] and philosophers [45] have also commented on climate change science and policies. Climate

change policy is discussed in several articles: Statements by scientific organizations of national or international standing[edit] See also: The 34 national science academy statements include 33 who have signed joint science academy statements and one individual declaration by the Polish Academy of Sciences in Joint national science academy statements[edit] Following the publication of the IPCC Third Assessment Report , seventeen national science academies issued a joint statement, entitled "The Science of Climate Change", explicitly acknowledging the IPCC position as representing the scientific consensus on climate change science. The statement stresses that the scientific understanding of climate change is now sufficiently clear to justify nations taking prompt action, and explicitly endorsed the IPCC consensus. Following the IPCC Fourth Assessment Report , the declaration states, "It is unequivocal that the climate is changing, and it is very likely that this is predominantly caused by the increasing human interference with the atmosphere. These changes will transform the environmental conditions on Earth unless counter-measures are taken. A consensus, based on current evidence, now exists within the global scientific community that human activities are the main source of climate change and that the burning of fossil fuels is largely responsible for driving this change. The IPCC should be congratulated for the contribution it has made to public understanding of the nexus that exists between energy, climate and sustainability. It is essential that world leaders agree on the emission reductions needed to combat negative consequences of anthropogenic climate change". Problems of global warming, climate change, and their various negative impacts on human life and on the functioning of entire societies are one of the most dramatic challenges of modern times. PAS General Assembly calls on the national scientific communities and the national government to actively support Polish participation in this important endeavor. The scientific evidence is clear: The pace of change and the evidence of harm have increased markedly over the last five years. The time to control greenhouse gas emissions is now. Global climate change is real and measurable To reduce the global net economic, environmental and social losses in the face of these impacts, the policy objective must remain squarely focused on returning greenhouse gas concentrations to near pre-industrial levels through the reduction of emissions. The spatial and temporal fingerprint of warming can be traced to increasing greenhouse gas concentrations in the atmosphere, which are a direct result of burning fossil fuels, broad-scale deforestation and other human activity. An Analysis of Some Key Questions. The changes observed over the last several decades are likely mostly due to human activities, but we cannot rule out that some significant part of these changes is also a reflection of natural variability. Human-induced warming and associated sea level rises are expected to continue through the 21st century The globe is warming because of increasing greenhouse gas emissions. Measurements show that greenhouse gas concentrations in the atmosphere are well above levels seen for many thousands of years. Further global climate changes are predicted, with impacts expected to become more costly as time progresses. Reducing future impacts of climate change will require substantial reductions of greenhouse gas emissions. According to the Telegraph , "The most prestigious group of scientists in the country was forced to act after fellows complained that doubts over man made global warming were not being communicated to the public". It summarises the current scientific evidence and highlights the areas where the science is well established, where there is still some debate, and where substantial uncertainties remain. The society has stated that "this is not the same as saying that the climate science itself is in error" no Fellows have expressed such a view to the RS". There is strong evidence that the warming of the Earth over the last half-century has been caused largely by human activity, such as the burning of fossil fuels and changes in land use, including agriculture and deforestation. International science academies[edit] African Academy of Sciences in was a signatory to the "statement on sustainability, energy efficiency, and climate change". This joint statement of African science academies, was organized through the Network of African Science Academies. Its stated goal was "to convey information and spur action on the occasion of the G8 Summit in Heiligendamm, Germany, in June ". Human activity is most likely responsible for climate warming. Most of the climatic warming over the last 50 years is likely to have been caused by increased concentrations of greenhouse gases in the atmosphere. Documented long-term climate changes include changes in Arctic temperatures and ice, widespread changes in precipitation amounts, ocean salinity, wind patterns and extreme weather including droughts, heavy precipitation, heat waves and the intensity of tropical cyclones. There is now convincing evidence that since

the industrial revolution, human activities, resulting in increasing concentrations of greenhouse gases have become a major agent of climate change. On-going and increased efforts to mitigate climate change through reduction in greenhouse gases are therefore crucial. Toward a Sustainable Energy Future. Current patterns of energy resources and energy usage are proving detrimental to the long-term welfare of humanity. The integrity of essential natural systems is already at risk from climate change caused by the atmospheric emissions of greenhouse gases. CAETS, therefore, endorses the many recent calls to decrease and control greenhouse gas emissions to an acceptable level as quickly as possible. Physical and chemical sciences[edit].

Chapter 6 : Natural environment - Wikipedia

The Retreat at Trinity - Trinity, FL Resident I have lived at The Retreat ever since they have opened. I have a third floor apartment on a corner and gives me a great View of the pool of the lake and the Beautiful grounds around me.

It gradually changed to what it is today, over a very long time see Great Oxygenation Event. The process began with cyanobacteria. They were the first organisms to make free oxygen by photosynthesis. Most organisms today need oxygen for their respiration ; only a few anaerobic organisms can grow without oxygen. If something climbed straight up, it would get colder, but then it would get hotter as the object climbed higher. These changes of temperature are divided into layers. These are like layers of an onion. The difference between the layers is the way the temperature changes. These are the layers of the atmosphere, starting from the ground: Troposphere - Starts at the ground. Ends somewhere between 0 to 18 kilometres 0 to 11 miles. The higher, the colder. Weather in this layer affects our daily life. Stratosphere - Starts at 18 kilometres 11 miles. Ends at 50 kilometres 31 miles. The higher, the hotter. The heat comes from the Ozone layer at the top of the stratosphere. There is little water vapor and other substances in this layer. Airplanes fly in this layer because it is usually stable and air resistance is small. Mesosphere - Starts at 50 kilometres 31 miles. Ends at 80 or 85 kilometres 50 or 53 miles. Winds in this layer are strong, so the temperature is not stable. Thermosphere - Starts at 80 or 85 kilometres 50 or 53 miles. Ends at kilometres miles or higher. This layer is very important in radio communication because it helps to reflect some radio waves. Exosphere - Above the thermosphere. This is the top layer, and merges into interplanetary space. Where one layer changes to the next have been named "-pauses. The stratopause is at the end of the stratosphere. The mesopause is at the end of the mesosphere. These are called boundaries.

Chapter 7 : Tree House Cabin Retreat, Treehouse Cabin Retreat, FL: 34 Hipcamper reviews and 74 photos

97%. 4 Star. 1%. 2. 3 Star. 0%. 0. 2 Star. 0%. 1. Love the atmosphere of the older home. Very comfortable and inviting. The Retreat on Horne is a.

Chapter 8 : Preached day Retreat

Program Features: The Inner Engineering retreat is held in the serene and supportive atmosphere of the Isha Institute of Inner-sciences located on the spectacular Cumberland Plateau.

Chapter 9 : Retreat | Graduate Programs in Christian Spirituality | Creighton University

This retreat is the text of a day preached retreat given by Fr. John Sheet, S.J., the Novice Director at Jesuit College, the Jesuit Novitiate near St. Bonifacius, Minnesota. It was given in , to the First Year Novices.