Blueplanet VR is a curated collection of over 40 volumetric experiences of powerful scenic and cultural heritage locations worldwide, ranging from Borobudur Temple in Indonesia to Bears Ears National Monument in the southwestern US. With a high level of photogrammetry execution and art direction, BPVR offers the viewer a strong sense of presence and open exploration within these remarkable locations, some even offering hang gliding flight experiences over spectacular terrains. Interactive features are used to deepen understanding and insight of these fascinating and unique locations.

Volume 1 - (3) volumetric scenes, (5) 3D panoramics, free demo
Volumes 2,3,4,5,6 - (40) volumetric scenes, (25) 3D panoramics. $29.95

Available on Steam, Oculus, & Viveport for Vive, Oculus, and Index HMD’s.

Future additional volumes are planned.

More information at www.blueplanetvr.com
Welcome to Blueplanet VR. Navigating the scenes is a simple process, but some functionality may be overlooked, so let’s review some basic tips for best experiences in the application:

**SETUP**

1) As the content has a rich amount of visual detail, it is recommended to increase HMD oversampling to the maximum your machine can produce, this is accessible in SteamVR/Settings/General/Resolution Per Eye, 300% is recommended with a GeForce 1080. This will minimize aliasing and increase surface texture detail greatly, enhancing the immersion.

![SteamVR Settings](image1)

2) Most scenes are predicated on standing centered in your VR play area upon startup. This will orient you to initial information screens and starting position in the gliding flight scenes.

![VR Scene](image2)
OPERATION

1) Launch scenes in the home area by walking to a location sphere, then using the trigger button (index finger), touch to highlight, then click to launch. The same functionality is used on continuation panels to launch successive locations within a scene, some have several.

2) Additional functions are shown on the hand controllers contexturally in each scene. Examples are flight thrust, black+white rendition, grabbing, and scaling (up/down/reset) of models. Make sure to check what is available in each scene while exploring.
3) To explore, physically walk within the VR play area and travel further by pressing and holding the teleport (thumb) button to scan across the ground, then release where desired to relocate yourself to. If you notice occasional floating glass spheres, teleport to them to gain novel aerial views.

4) Marker posts are there to indicate suggested pathways, point out notable features, and mark the boundary extents of the playable area.

5) 3D Panorama volumes are effectively clickable slideshows, with no teleporting function but showing deeper detail and stereoscope.

Support can be found at support@blueplanetvr.com. Enjoy your travels!
volume one

Volumetric Scenes:
Bears Ears - Fallen Roof Ruin
Antelope Canyon
Borodubur Temple

3D Panoramas:
Antelope Canyon
Fluorescent Mineral Mine
Mojave Lavatube
Welcome to Fallen Roof ruin, an iconic landmark in the contested Bears Ears National Monument. Located in southern Utah, it is a former site of the ancestral Puebloan people. The future of this sensitive region is currently in question due to potential opening of the monument to industrial use. Explore this remarkable cultural heritage location by moving up the slope.
Welcome to Upper Antelope Canyon, a popular destination in the Page Arizona area. Located and managed by the Navajo Nation, the native name for the canyon means ‘the place where water runs through rocks’. Indeed, water is the primary force at work in forming the canyon, transporting sand forcefully in flash flood periods to create the sinuous and complex shapes, which act as a natural modulator of light to create rich gradients of tone and color.
Welcome to Borobudur, a 9th-century Mahayana Buddhist temple located in Central Java in Indonesia. Borobudur is the largest Buddhist temple in the world, and is considered one of the great archaeological sites of Southeast Asia. This is one corridor of nine stacked platforms that form a sacred mandala as seen from above. Examine the multitude of stories depicted on and walls and click the glass sphere at the far end to see an aerial panorama of the temple.
Volumetric Scenes:
Carlsbad Caverns
Iceland Canyon Flight
Cueva Pintada Rock Art
Grand Canyon- North Rim
Windstone Canyon
Dutch Cleanser Mine
13 Moons Rock Art
Korean Temple Bell

3D Panoramas:
MassMoca
Avalon Theatre
McKittrick Canyon
Welcome to Carlsbad Caverns, one of the great limestone caves of the world. Consisting of several miles of trail and a spectacular descent into the 750 feet depth, the cave consists of several rooms, with "The Big Room" over 4,000' long. Originally lit with multicolor sources, today it has been skillfully redone with natural color-corrected lighting.
Welcome to Múlafoss, a beautiful waterfall in a canyon adjacent to the famed Glacier Lagoon in southern Iceland. This spectacular canyon is contained within the vast Vatnajökull National Park. Explore this landscape from the air by holding the triggers and aiming your flight path, then land on the ridge right in front of the waterfall for a close-up view.
Welcome to Cueva La Pintada rock art in Santa Teresa Canyon, located deep in the wilds of Baja California. Known as the Great Murals, these pictographs date back as far as 2,000 years ago. Look for the interplay of the split-color humans (monos) and animal and marine species, even the image of a whale can be found. Look for a continuation link to 2 additional sites.
Welcome to the North Rim of the Grand Canyon, along the Bright Angel Point trail. The Grand Canyon is one of the most heavily visited of the US National Parks, but the more remote and higher elevation North Rim offers less visitation and more richly forested ecosystems as seen from its many trails and vantage points.
Welcome to Windstone Cave, a beautiful sandstone formation in the Valley of Fire State Park in Nevada. This interior space has been made dramatically large in VR [the true size of this space is about 4 feet across and can barely contain a single person].
Welcome to the Old Dutch Cleanser Mine, a unique offroad destination in the Mojave Desert. This mine ran from 1923 to 1947, removing 120,000 tons of white pumice used for the namesake cleaning product. A criss-cross pattern of shafts provides spatial complexity to explore, while modulating light in an interesting way.
Welcome to 13 Moons, a remarkable rock art petroglyph found in the Owens Valley of California. Representing the 13 lunar cycles that occur yearly, it is assumed this panel documents very specific celestial events. See if you can highlight the art and decipher some of these patterns from different points of view.
Welcome to the Korean Bell of Friendship overlooking the Pacific Ocean in Long Beach, California. The bell was given by South Korea to the United States in 1976 to symbolize friendship between the two countries. At 12 feet tall, it is one of the largest bells in the world, containing 17 tons of copper and tin with an 8 inch thick wall. It is ceremoniously struck 5 times a year, try it yourself with the hand controller.

volume 2  korean bell temple
volume 2

3d stereo panoramas
volume three

Volumetric Scenes:
  Kiva Cave Rock Art
  Grand Prismatic Flight
  Tengboche Monastery Portal
  Alien Throne
  Bears Ears - Moon House
  Crowley Lake Columns
  Wahweap Hoodoos
  Ancient Bristlecone Pine

3D Panoramas:
  Red Rock Canyon
  Chaco Canyon NHP
  Wahweap Hoodoos
Welcome to Kiva Cave, a remarkable rock crack featuring 1,000 year old rock art pictographs of the Jornada Mogollon people, located in far West Texas. This is known as the “Cave of Masks”, with 8 pieces of a single mask found scattered on these surfaces, as well as an early premonition and depiction of a VR headset, see if you can find these.
Welcome to one of the jewels of Yellowstone National Park, the Grand Prismatic spring. Almost 400 feet across, it is one of the most spectacular deep pools, its color resulting from a rich microbial mat coupled with rich mineral water. Only a few thousand feet below lies the magma of the largest supervolcano on earth. Enjoy flying across this stunning design by holding the triggers and aiming your flight path.
Welcome to the entrance portal to Tengboche Monastery, an important and historic Buddhist temple in Sagarmatha National Park in Nepal. En route to Mount Everest, this location at 12,700 feet offers blessings for climbers and deep Buddhist study for its 60 monks. Touch and click the prayer wheels to spin them and transmit Buddhist prayers out into the world.
Welcome to the Ah-Shi-Sle-Pah Wilderness Study area, home to the iconic formation known as the “Alien Throne”. Situated in northern New Mexico on Navajo land, these surreal forms of natural erosion are related to the nearby Bisti Badlands. Take a walk around this remarkable, remote landscape.
Welcome to Moon House Ruin, a magnificent 900 year old ancestral Puebloan ruin located in Bears Ears National Monument. It consists of an exterior group of dwellings seen here, and by clicking forward an interior corridor leading to it’s namesake room with phases of the moon portrayed in the plaster. Visiting Moonhouse is restricted by a permit system managed by the BLM.
Welcome to the odd and mysterious Crowley Lake Columns. These strange oddities were formed from snowmelt percolating into a bed of hot volcanic ash over 750,000 years ago. Currently, 5,000 of these are revealing themselves from erosion. Enjoy this curious location.
Welcome to Wahweap Hoodoos, a remarkable group of fantastical forms near Page, Arizona. A 100 million year old beach laid at the capstone level of these intriguing towers, with erosion creating these remarkable, emotive forms. Teleport to the ghost-like form near the adjacent cliff wall.
Welcome to the Ancient Bristlecone Pine forest, located high in the White Mountains of California. These are among the oldest living things on the planet, up to 5,000 years in age. Take a walk around this stunning tree, looking back to the sun from its shadow. The surface of this wood is incredibly dense and strong from thousands of years of weathering. Climb the tree by clicking on the glass spheres.
volume four

Volumetric Scenes:
Ancient Puebloan Ruin 1
Bryce Canyon Flight
Sewu Temple
Aircraft Wreck Prop
Horsecollar Ruin
Evolutionary Spiral
Bears Ears - The Citadel
Grand Canyon - Cape Royal

3D Panoramas:
Baja Copper Plant Museum
Peek-a-Boo Slot Canyon
Welcome to Ruin 1, a rarely seen archaeological site in Northern Arizona protected on Navajo Nation land. This site was originally inhabited by ancestral Puebloan people over 800 years ago. This site is typical of cliff dwellings of the era, with structures sited on high, exposed ledges in order to protect food and provide shelter. Look carefully for other artifacts of everyday life in this spectacular location.
Welcome to Bryce Canyon National Park, home to a vast region of fantastical erosion like no other. Located in southern Utah, it contains the highest point of the geologic layering called the Grand Staircase that constitutes the Colorado Plateau. Enjoy flying across this intricate landscape by holding the triggers and aiming your flight path.
Welcome to Sewu Temple, a large Mahayana Buddhist temple located within the predominantly Hindu temple complex of Prambanan in Indonesia. Constructed approximately 1,300 years ago, the original name of Manjusri translates to "the gentle glory of transcendent wisdom". It laid in ruin until 1908, when reconstruction of the original stones was begun. Click into the deep interior sanctuary space that lies within.
Welcome to Aircraft Wreck, which is actually a movie prop built for the 2001 crime film “3,000 Miles to Graceland”. One of several attractions at the ghost town of Nelson, Nevada, it is likely one quarter scale, but seen full size here in VR.
Welcome to Horsecollar Ruin, an ancestral Puebloan ruin located deep in Natural Bridges National Monument in southeastern Utah. It consists of two granaries for storing food, and one rectangular shaped ceremonial kiva, now collapsed. Look for a recurring bird foot shaped symbol etched in the plaster and large stones.
Welcome to the Evolutionary Spiral Model, a digital construction inspired by an illustration by Joseph Graham, William Newman, and John Stacy of the USGS. Grab the model with the trigger to explore the spiral from its very small origin point to present day life. The model can be scaled much larger by holding both triggers and spreading your arms apart, then swimming up the ramp. Reset scale by squeezing the grip button.
Welcome to the Citadel, a remarkable hike in Bears Ears National Monument. This vista point shows the narrowing of the ridgeline with exposed slickrock, which leads to an ancient Puebloan ruin at the central rock stack at the far end. It is assumed the exposed topography allowed food storage to be safely held.
Welcome to Cape Royal, one of the grandest views in the North Rim of the Grand Canyon. The feature directly in front of you is Wotan’s throne, with Freya Castle at its terminus. Other notable points visible are Sinking Ship, Horseshoe Mesa, and Grandview Point.
volume five

Volumetric Scenes:
Ancient Puebloan Ruin 2
Iceland Falls Flight
Cartago Ruin
Burro Schmidt Shed
Mono Lake Sand Tufa
Gamble House
Iceland Lavatube
Fantasy Canyon

3D Panoramas:
Gamble House
NIF Laser Fusion
Welcome to Ruin 2, a rarely seen archaeological site in Northern Arizona protected on Navajo Nation land. This site was originally inhabited by ancestral Puebloan people over 800 years ago. This site is typical of cliff dwellings of the era, with structures sited on high, exposed ledges in order to protect food and provide shelter. Look carefully for other artifacts of everyday life in this spectacular location.
Welcome to newly formed waterfall canyon near Skaftafell, Iceland. It is located at the edge of the Vatnajökull Glacier, one of the largest ice masses in Europe. Enjoy flying alongside the waterfalls for spectacular views of this dynamic landscape currently forming by holding the triggers and aiming your flight path.
Welcome to Cartago Ruins, a former industrial shipping dock in the Owens Valley of California. Silver mined at Cerro Gordo in the far Inyo Mountains were taken across the now dry Owens Lake to this dock during the late 1800's, now a haunting relic of this distant time. Explore the shifting audio landscape.
Welcome to Burro Schmidt’s Shed, located in the Mojave Desert in California. This is a shed of the home of William “Burro” H. Schmidt, who single-handedly dug a nearby ½ mile tunnel with pickaxes and dynamite, from 1900 to 1938, hoping to profit from transportation of ore. Tragically, a road was built in 1920 scuttling his dream, but he persisted for 18 more years out of duty. This shed has many time capsule clippings of various print media over that era, take a close look.
Welcome to the remarkable Sand Tufa formations of Mono Lake, California. These were formed from underwater mineral-laden springs calcifying as they rose to the surface. Mono Lake's water has been sadly diverted and drained, revealing these surreal and detailed structures. Shown larger than life, use the scale button to reduce it's size, then grab to inspect it at it's smaller than life size (around 2 feet).
Welcome to the Gamble House, a landmark of the Arts & Crafts architectural movement. Located in Pasadena, California, it was designed and built in 1908 by the skilled Greene & Greene brothers. Fine woodwork taken to an architectural scale, it contains motifs echoing Japanese design and a reverence for nature.
Welcome to Raufarholshellir Cave, a photogenic lava tube in southwest Iceland containing 3 open holes to the surface. This location was used in Game of Thrones, among other productions.
Welcome to Fantasy Canyon, a set of natural eroded sculptures, hidden in the vast oil fields outside Vernal, Utah. Native American legend holds that the forms are denizens of the underworld, arrested and frozen in place by wind, water, and ice as they tried to reach into our world.
volume six

Volumetric Scenes:
Ancient Puebloan Ruin 3
Iceland Glacier Flight
Sky Rock Art
Cathedral Gorge
Red Rock Canyon
Prambanan Temple
Upper Yosemite Falls
Navajo Hogan

3D Panoramas:
Albuquerque Railyard
Cathedral Gorge
Welcome to Ruin 3, a rarely seen archaeological site in Northern Arizona protected on Navajo Nation land. This site was originally inhabited by ancestral Puebloan people over 800 years ago. This site is typical of cliff dwellings of the era, with structures sited on high, exposed ledges in order to protect food and provide shelter. Look carefully for other artifacts of everyday life in this spectacular location.
Welcome to the Vatnajökull Glacier, one of the largest ice masses in Europe. This is just one of 30 perimeter glaciers flowing from the large 80 mile expanse of this massive glacier. Imagine trying to navigate across its complex surface on foot. Enjoy flying high and low across the surface by holding the triggers and aiming your flight path.
Welcome to Sky Rock, a Native American rock art petroglyph located in the Owens Valley in California. It is known to be the only sky-facing panel in the southwest, and features a rich collection of rock art symbols. Take a few steps closer and examine the linear relationship of symbols.
Welcome to Cathedral Gorge State Park, located in a long, narrow valley in southeastern Nevada, where erosion has carved dramatic and unique patterns in the soft bentonite clay. Past volcanic activity has deposited layers of ash hundreds of feet thick with embedded cave-like formations and cathedral-like spires.
Welcome to Red Rock Canyon, a beautiful state park just 90 miles north of Los Angeles. Made up of compacted volcanic tufa from eons ago, wind and rain was created remarkable, highly detailed erosion in a myriad of color and form. See if you can locate the cave hidden into the wall passages.
Welcome to Prambanan Temple, the largest Hindu temple of ancient Java in Indonesia. Begun in 850 CE, it likely marked a shift from Mahayana Buddhism to Hinduism at that time. It lay in ruin and neglect until concerted reconstruction began in 1930, and continues to this day. Construction is only made if 75% of the original stones remain, and due to past vandalism and theft many stone piles lay in original state.
Welcome to the base of Upper Yosemite Falls, a location seldom visited that is normally pelted by the tremendous volume of the falls. In this novel situation using simulated water, you can experience the mass of the volume of the falls from a unique perspective. See if you can locate a way to turn off the torrent at your feet.
Welcome to the traditional Navajo dwelling, the Hogan. Highly energy efficient, the single doorway faces east to meet the rising sun. Place your head inside to see the interior.