



SPORT EVENT TAIWAN WORKSHOP

Making a difference
- Sustainability initiatives in sport

12 APRIL 2023

IMPACT OF CLIMATE CHANGE ON SPORT

WHY SHOULD SPORT CARE?

- 14 DEC 2021 -

Climate change crisis: Golf courses on borrowed time

The 30 or so golf courses in the Salt Lake County of Utah drink up around nine million gallons of water a day to stay pristine green – that’s more than 13 Olympic-sized swimming pools.

Managing the turf on golf courses also means using carbon-intensive fertilizers, plenty of mowing and, in many cases, clearing forests or trees that were soaking up carbon-dioxide to make way for long tracts of fairway.

In other words, golf is a dirty sport that’s wrecking the planet.



The image is a screenshot of a CNN Sports article. At the top, there is a navigation bar with the CNN logo and various sports categories: Football, Tennis, Golf, Motorsport, US Sports, Olympics, Climbing, Esports, and Hockey. The main headline reads "Climate change crisis: Golf courses on borrowed time as Earth's weather patterns become wilder". Below the headline, it says "By CNN Sports staff" and "Updated 6:07 AM EST, Tue December 14, 2021". There are social media sharing icons for Facebook, Twitter, Email, and a link icon. The main image is a large photograph of a golf course with a mix of green grass and large areas of brown, dry earth. The image is framed by a light blue border. Below the image, there is a caption: "Climate change crisis: As Earth's weather patterns become wilder, golf courses face a challenging time" and a credit line: "ROBYN BECK/AFP/AFP via Getty Images".

IMPACT OF CLIMATE CHANGE ON SPORT

WHY SHOULD SPORT CARE?

- 21 JAN 2022 -

Could the world become too warm to hold Winter Olympics

Without drastic reductions in greenhouse gas emissions, climate change threatens future Winter Olympic Games because their locations would be too warm to host the events, a new study has found.

If the world's high emissions continue on their trajectory, by the 2080s all but one of the 21 cities that previously hosted the Winter Games — Sapporo, Japan — would not be able to do so again.

Six cities would be considered "marginal," while 14 would be deemed "unreliable" — meaning the right conditions for snow and athlete safety cannot be met.

A screenshot of an NPR website article. At the top is the NPR logo and navigation links for SIGN IN, NPR SHOP, and DONATE. Below is a menu with NEWS, CULTURE, MUSIC, PODCASTS & SHOWS, and SEARCH. The article is part of a 'SPECIAL SERIES' titled 'The 2022 Winter Olympics'. The main headline is 'Could the world become too warm to hold Winter Olympics?'. It includes social media sharing icons, a date of 'Updated January 21, 2022 - 6:47 PM ET', and a '2-Minute Listen' audio player with controls for playlist, download, and navigation. A photo of a skier is visible at the bottom of the article preview.

IMPACT OF CLIMATE CHANGE ON SPORT

WHY SHOULD SPORT CARE?

- 4 AUG 2022 -

Is cricket sustainable among climate change?

By some measures, cricket is the world's second most popular sport, behind soccer, with two billion to three billion fans. And it is most widely embraced in countries like India, Pakistan, Sri Lanka, Bangladesh and South Africa and in the West Indies, which are also among the places most vulnerable to the intense heat, rain, flooding, drought, hurricanes, wildfires and sea level rise linked to human-caused emissions of greenhouse gases. (...)

Heat is hardly the only concern for cricket players. Like the roughly similar pitching and batting sport of baseball, cricket cannot easily be played in the rain. In July, the West Indies abandoned a match in Dominica and shortened others in Guyana and Trinidad because of rain and waterlogged fields.



IMPACT OF CLIMATE CHANGE ON SPORT

WHY SHOULD SPORT CARE?

- 18 NOV 2022 -

In this World Cup ski season, climate change is winning

The women's World Cup Alpine ski season begins this weekend in Levi, Finland, where Mikaela Shiffrin, Petra Vlhova and an international field of stars will run two slalom races (...) This event comes five weeks after the first scheduled competition of the season was wiped out because rain softened the course on a glacier in Soelden, Austria, to the point that it became unsafe to ski.

Of eight scheduled races to date, one has been held. The women's races this weekend will occur more than 100 miles north of the Arctic Circle — which is becoming one of the only fail-safe ways to stage an outdoor winter sports competition. Organizers are desperate to get the season going. Climate change is winning.

The Washington Post
Democracy Dies in Darkness

OLYMPICS

In this World Cup ski season, climate change is winning

By [Barry Svrluga](#)

November 18, 2022 at 5:23 a.m. EST

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- 2 Remember the titan: Connecticut's title ends NCAA tourney of upstarts 

IMPACT OF CLIMATE CHANGE ON SPORT

WHY SHOULD SPORT CARE?

- 7 MAR 2023 -

Stamford Bridge could be underwater by 2050

English Premier League giants Chelsea's stadium, Stamford Bridge may be submerged by 2050 over persistent climate change threats in London, scientists have warned.

Climate change experts said Chelsea, and their London rivals have been warned that the increased rainfall over the following ten years will be too much for their stadiums to handle.

According to reports, by 2050, over one-quarter of the stadiums in England and Wales may be completely flooded.

The screenshot shows a news article on the Vanguard website. The date is Tuesday, 4th April 2023. The article is in the Sports section, dated March 7, 2023. The headline is "Stamford Bridge could be underwater by 2050, scientists warn Chelsea". Below the headline is a large image of the interior of Stamford Bridge stadium, showing the pitch and the "CHELSEA CHELSEA" branding on the seating. To the left of the image are social media sharing icons for WhatsApp, Telegram, Twitter, Facebook, and LinkedIn. To the right of the image is a "LATEST NEWS" sidebar with several article teasers: "Leadership positions in NASS being bought, Ndume claims", "Investment in cold-chain sector will aid economy diversification - Minister", "Nigeria dominates 60% of pharmaceutical production in ECOWAS", "Nigerian insurers breach local content law, lose N44bn", and "Keep dream alive, Osinbajo's wife, AfDB's Adesina tell women". At the bottom right, there is a call to action to join WhatsApp and Telegram communities for breaking news, with the phone number 08152361852.

TRENDS IN SPORTS SUSTAINABILITY

DRIVERS OF CHANGE

1

**CARBON
NEUTRALITY**

2

**CIRCULAR
ECONOMY**

3

**GENDER EQUALITY
& INCLUSIVITY**

4

**SUSTAINABLE
TECHNOLOGIES**

5

**SUSTAINABLE
SPONSORSHIP**

TRENDS IN SPORTS SUSTAINABILITY

DRIVERS OF CHANGE

1

CARBON NEUTRALITY

CASE STUDY I

- In 2019, Formula 1 announced its plans to be „Net Zero Carbon” by 2030.
- According to F1, „environmental impact of the sport – and the target of Net Zero Carbon by 2030 – is now part of every decision F1 makes and every initiative F1 embarks on.”
- Simple changes such as reducing single-use plastics, promoting reusable bottle use and providing plentiful water stations were introduced at first.



TRENDS IN SPORTS SUSTAINABILITY

DRIVERS OF CHANGE

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CIRCULAR ECONOMY

CASE STUDY II

- 18,000 "high resistance lightweight cardboard" beds were provided to Olympic athletes at the Tokyo 2020 Olympic Games.
- Beds were going to be recycled into paper products after the Games, with the mattress components recycled into new plastic products.
- The first time in Olympic and Paralympic history that all beds and bedding were made almost entirely from renewable materials.



TRENDS IN SPORTS SUSTAINABILITY

DRIVERS OF CHANGE

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GENDER EQUALITY & INCLUSIVITY

CASE STUDY III

- FIFA to triple prize money at the FIFA Women's World Cup 2023. \$152 million on offer at this year's tournament will also be 10 times more than in 2015.
- Aim is to have equality in payments for the men's and women's World Cups in 2026 and 2027 respectively.



TRENDS IN SPORTS SUSTAINABILITY

DRIVERS OF CHANGE

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SUSTAINABLE TECHNOLOGIES

CASE STUDY IV

- In June 2022, global sailing series SailGP announced the launch of SailGP Technologies, a new division dedicated to sustainable innovation.
- An example of SailGP's commitment to organising green events is remote production activities for races which significantly reduces the costs and the environmental impact of transporting large crews and equipment to each event.



TRENDS IN SPORTS SUSTAINABILITY

DRIVERS OF CHANGE

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SUSTAINABLE SPONSORSHIP

CASE STUDY V

- In 2021, healthy drinks brand innocent, a sponsor of Forest Green Rovers, a UK-based side and the world's greenest football club, committed to planting 50 trees for every professional football game in the UK that 'nets zero' and finishes 0-0.
- Over 10000 trees have been planted thanks to innocent's 'Netting Zero' project.



SUSTAINABILITY IN SPORT

KEY TAKEAWAYS

TAKEAWAY 1

Ingrain sustainability in your strategy and plans

TAKEAWAY 2

Partner up with business(es) promoting sustainability to increase efficiency

TAKEAWAY 3

Make sustainability your commercial asset

TAKEAWAY 4

Think big, but remain realistic about what you can change and how you can make impact



THANK YOU!

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