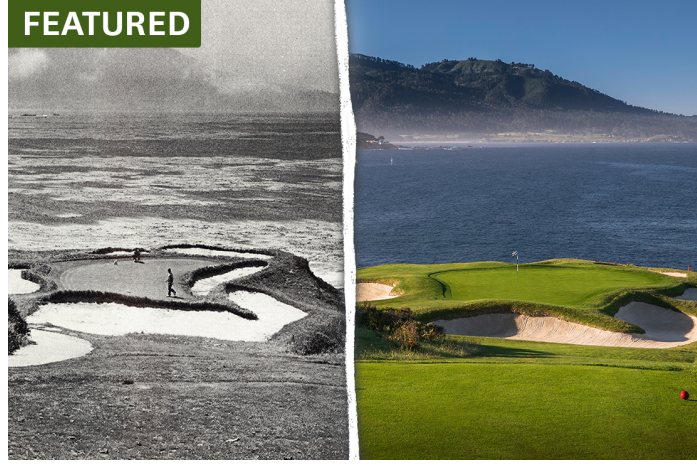


Mapping the Past, Present and Future of Golf Courses

By [Adam Moeller](#) and [George Waters](#)

FEATURED



To better understand how golf courses have evolved, the USGA undertook an extensive study of golf course aerial photos as part of the Distance Insights Project. Through this research we learned a lot about how golf course features change over time, how older courses differ from newer ones, and the factors that drive golf course evolution. Trends we observed impact how we experience the game, what it costs to play, the sport's overall footprint and the long-term viability of the sport. Key questions also emerged that should be of particular interest to the golf community.

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Multimedia Content

TURF MINUTES



Turf Colorants on the Golf Course

Some golf courses are getting great results by using turf colorants instead of overseeding. Turf colorants provide winter color without the cost and turf issues associated with overseeding.

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100TH ANNIVERSARY



USGA Turfgrass at Arrowhead

The Kansas City Chiefs and many other pro teams play on turf developed by USGA-funded research. The impact of our turf and environmental research program goes far beyond the golf course.

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SURVEY



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Help us learn more about how you use triplex mowers on your putting greens. Please take a few moments and reply to this short survey and we'll share the results in an upcoming issue.

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Fore the Golfer

FORE THE GOLFER



Weather Ready

The weather always plays a key role in course conditions. Heavy rain, freezing cold and extreme heat are just a few weather conditions that have short- and long-term impacts on playability.

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While golf courses are enjoying an increase in rounds, additional cart traffic is damaging access and egress areas along cart paths. Here are a few strategies to mitigate the damage.

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Hard water in the spray tank can tie up herbicides like glyphosate and cause significant reductions in the effectiveness of weed control applications. Fortunately, there is an easy remedy.

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Every course has forward tees, but are yours properly located? Our forward tee calculator can help you identify where new forward tees would improve the golfer experience.

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When the Rough Gets Rough

Golf course roughs often occupy difficult growing environments and don't receive the same input levels as other areas. As a result, they can bear the brunt of winter stress.

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