

introducing
Carson Ridge
Disc Golf Club

pres.cody.cruz
treas.gregg.swift
sec.mike.plansky
dir.mntnc.will.mckissock

Carson City Parks Commission
Tue. Feb. 1, 2022
5:00 pm

Community Center
"Bob" Crowell Board Room
851 East William Street,
Carson City, Nevada

Board

Stacie Wilke-McCulloch
Lisa Schuette
Lee-Ann Keever
Janice M Caldwell
Kurt L Meyer
Lea Case
Dave Whitefield



Disc Golf Growth

"PLAYERS"

PROFESSIONAL PLAYERS

INDUSTRY

est. 3% of regular disc golfers are PDGA members

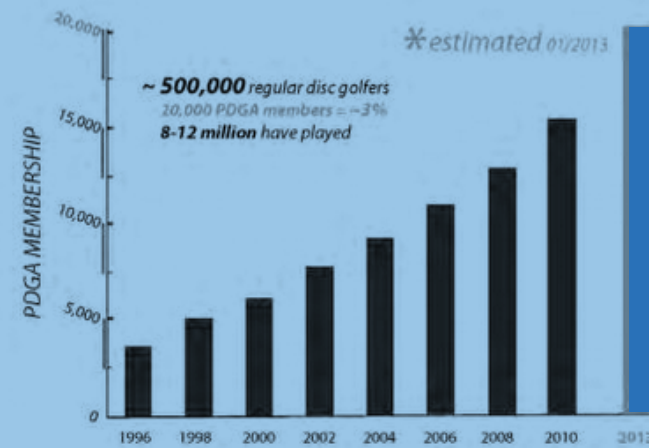
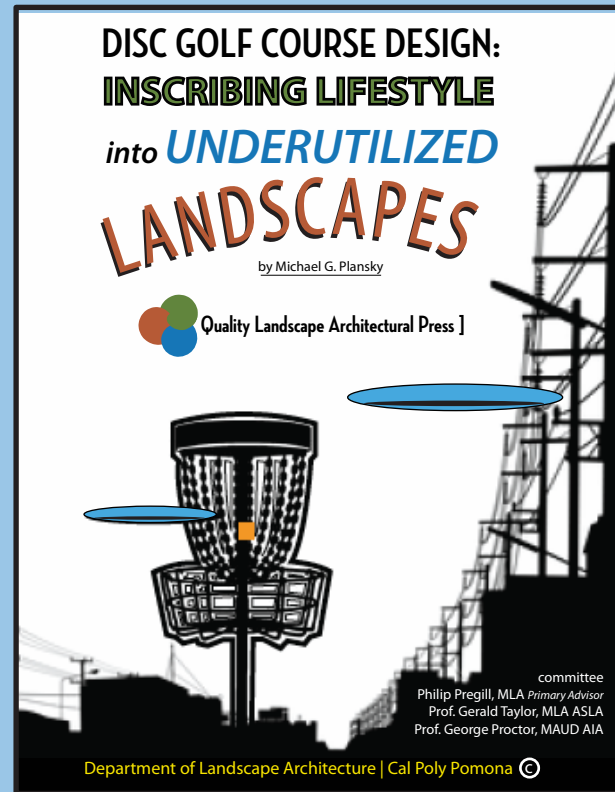


Figure 13. Professional Disc Golf Association membership over time

2,000,000 "Players" est.
80,000 PDGA active-
2022 members



10yr//\$10 Million

Top players in the world



4yr/\$4 Million

Stay Ahead of the Curve
Projected to triple in 5 years

360marketupdates.com

The global Disc Golf market was valued at **USD 139 million** in **2020** and is expected to reach **USD 453 million** by the end of **2027**, growing at a **CAGR of 17.4%** during 2021-2027.

<https://www.rfdtv.com/story/44555160/disc-golf->

Ratings & Reviews

Stadium: #1 NV
(w/ over 300 ratings)

Pony Express
#1 beginner course in
the West?

Year-round

Course Review
Handout
by category

→
399 ratings

→
159 ratings

UDisc

Stadium Course At Carson Ridge

Carson City, NV - 5 miles

18 holes

ABSOLUTELY NO DOGS. Technical, elevation, rocky sections, Pinyon-Juniper-Woodland, maintained trail-system. CARTS STRONGLY DISCOURAGED to protect trails system and habitat. Please fix your gravel divots in front of teepads.

GOOD CONDITIONS

4.6

Bijou Community Park

South Lake Tahoe, CA - 19.3 miles

27 holes

CAUTION

Teepad of 10 is clear, everything else is still under 2/3ft of snow. Course is playable just a bit of a slog to punch through the snow.

4.6

Zephyr Cove Park

Glenbrook, NV - 14.2 miles

18 holes

FAIR CONDITIONS

Buried in several feet of snow. Beautiful course and signs are great, but just tough logging through

4.6

Stampede DGP

Truckee, CA - 28.7 miles

18 holes

Wooded course with open fairways. Lovely setting. Nearby camping, fishing, and boating.

CAUTION

Snowed in!

4.6

Pony Express At Carson Ridge

Carson City, NV - 5 miles

9 holes

Family and beginner friendly 9 Hole course. Warm-up or practice course for experienced players. Holes from 92' to 270'.

GOOD CONDITIONS

4.6

Donner Ski Ranch

Truckee, CA - 32 miles

18 holes

Mountain golf at its finest.

CAUTION

4.5

11,000+ courses listed worldwide

Recorded Udisc rounds since Carson Ridge opened on Dec. 18, 2019:

Course	Rounds
Stadium	4,087
Pony Express	2,403
Total	6,490

Pioneering

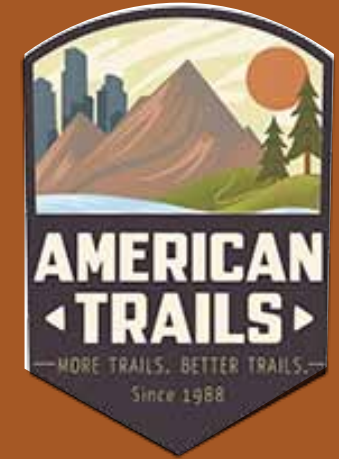
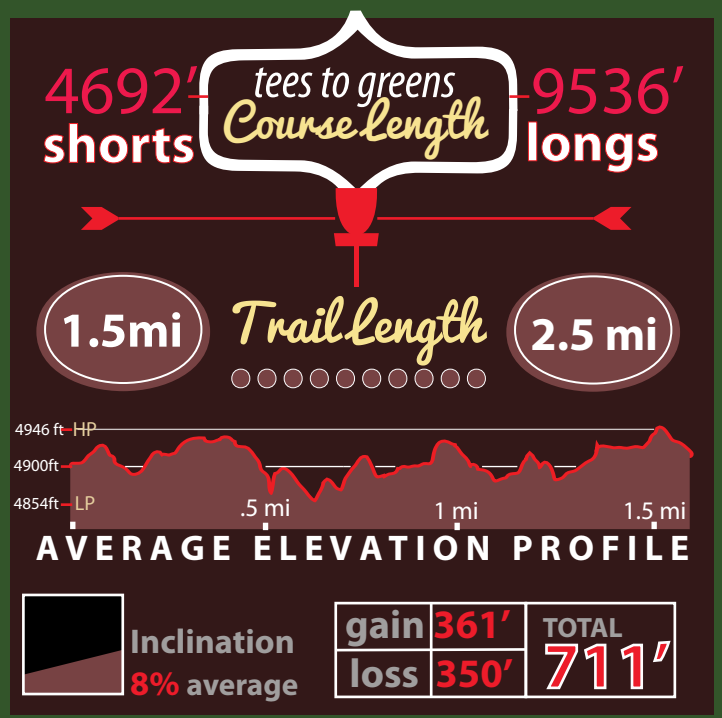
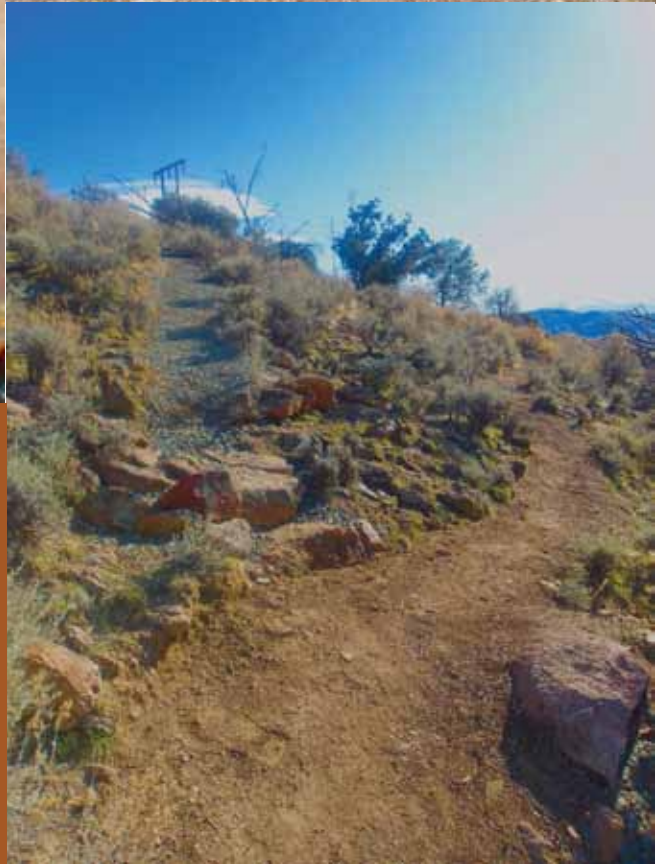
Trails for disc golf

Complete trail networks
before opening

Consultations and volunteer
workdays from regional trail
association leaders

Ongoing trail monitoring

Training & Learning
Opportunities

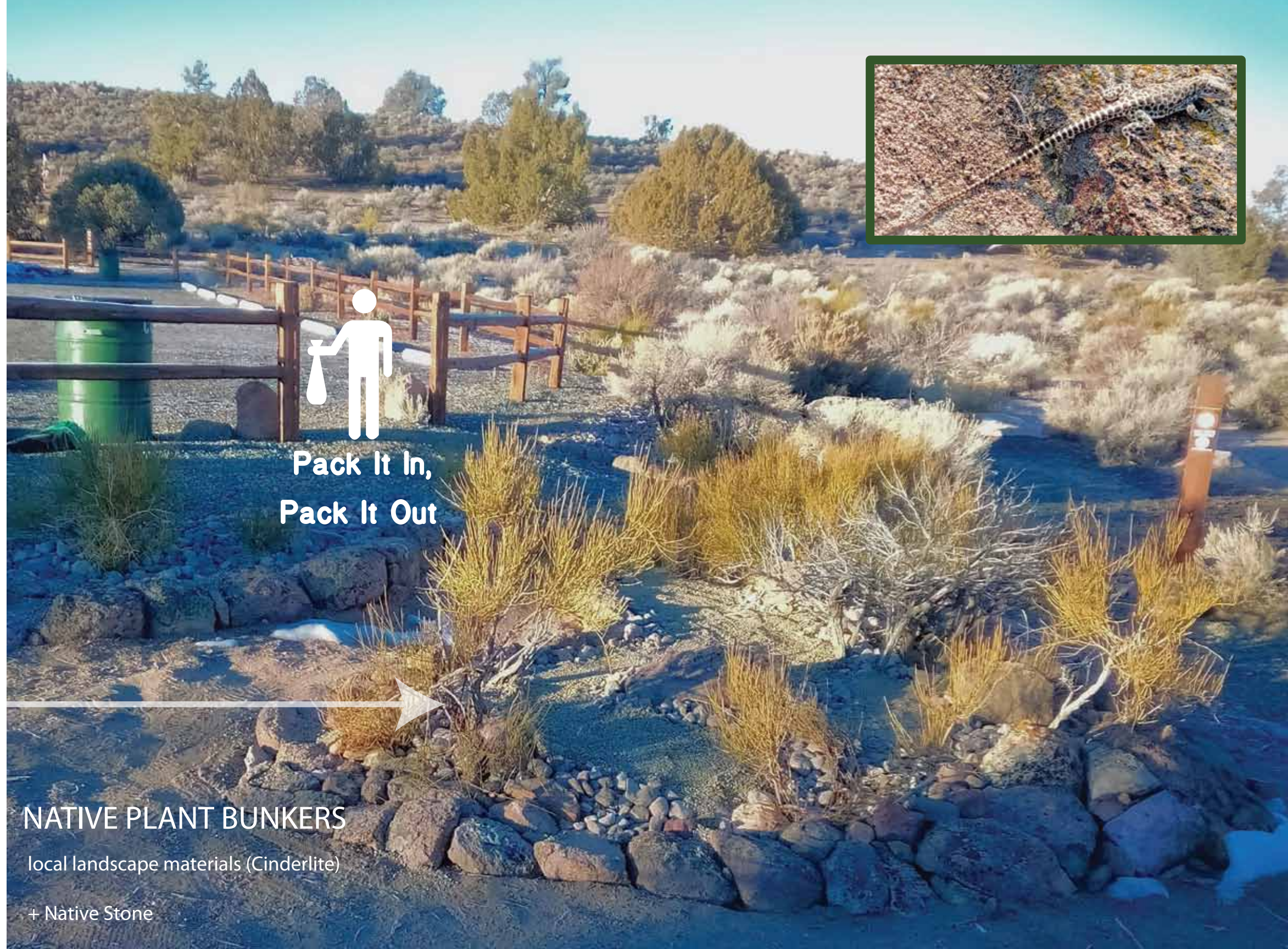


Gateway Cues to Care

Don't Crush The Brush



Ephedra viridis
Green Ephedra



Pack It In,
Pack It Out

NATIVE PLANT BUNKERS

local landscape materials (Cinderlite)

+ Native Stone

A Change of Course: Practical Erosion Solutions Second of a Two-Part Series

by PDGA's Environment Committee:
Michael Plansky, Jason Johnson,
Will McKissock and Bill Newman



Designing with purpose, creating awareness

We hope this series will raise the disc golf community's consciousness about erosion. Creating awareness about how to develop disc golf courses on our lands responsibly can empower professionals to take action. With an explosion of new players and media exposure, now is the time to elevate disc golf in the public's eye. Thousands of courses have now been played for years, even decades. There are so many lessons to be learned by observing how and why some courses have become tired and worn. Making the landscape experience of playing disc golf more attractive and protecting natural resources is a symbiotic relationship.

In the previous article we discussed how the water cycle interacts with soil profiles. Erosion happens slowly in nature but is accelerated greatly as a result of the widespread foot-traffic inherent to disc golf. Although all recreational activities that occur in nature are going to have some impact on the environment, disc golf's footprint sometimes is bigger because it's not as easy to "stay on trail," unlike some other outdoor activities. Jaime Hume is a busy designer in the Albany, New York area and designer of the Christ the King Center DGC, Greenwich, New York. He reports "The biggest thing I do to control erosion and soil compaction is make well-marked paths, especially on side slopes."

Professional designers face new challenges

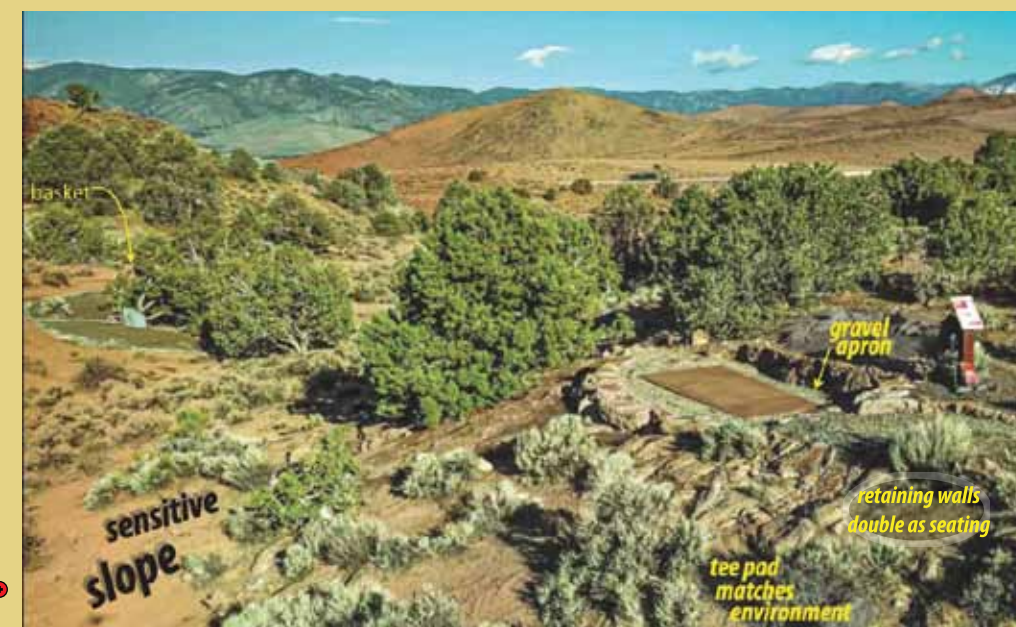
Course design is changing fast to adapt to our sport's super-charged evolution and an increasing range in levels of play. Not only have many courses become longer to test top pros, but designers are also increasingly looking for ways to use elevation, sloping fairways and raised greens to challenge and engage players. These same features also challenge designers to protect soil integrity and the local ecology. Kevin McCoy has designed 20 courses in Oklahoma and Georgia, eight of which have been used for PDGA majors. He uses multiple pin placements "so that putting areas around the targets have time to recover from foot traffic." Jason Allind, a Colorado designer, takes this concept one step further. He likes to rotate fairways also, explaining: "This spreads players out even more on the hole." Another active designer, 2010 PDGA world champion Eric McCabe, says that when he designs on slopes, he thinks ahead: "Retaining walls and proper installation from the get-go is the best way to stay on top of erosion."

The next generation of courses should address all levels of play. We need to design courses to adjust layouts and par to suit various skill levels. Start with the skeleton of a design: the land itself. Listen to the land. Routing courses to follow the shape of the land on sloping sites as much as possible helps course flow and minimizes compaction from a wider disc spray. Bomber-holes are fun, but throwing big downhill can create widespread trampling on steep slopes.

Steve Brinster has designed 15 courses in the Northeast, with seven used for elite-level play including PDGA Worlds. He also has designed several courses for beginners. His designs include the courses at Smugglers' Notch in Vermont and the co-design of Warwick Disc Golf course. Brinster emphasizes the importance of trails: "Proper signage and trail building techniques can help eliminate any significant erosion," he says.

Plan for prevention

In our article in the summer issue, we described how a healthy soil matrix allows space for air, water, soil microbes and fungi. The compaction commonly found throughout disc golf courses turns living soil into dead dirt. We asked readers to take inventory of their local tracks to find patterns of erosion and compaction, and to imagine solutions. We will outline some measures to remediate problem areas on existing courses when it's practical. More importantly, we will focus on prevention, with regionally specific examples of how to design and treat the landscape before allowing play on new courses. New course development may need to be slowed to allow plans to be reviewed by experts, ensuring site-specific erosion issues will be addressed. This means we need to readjust our expectations of time and money to properly complete a course before play begins. An ounce of prevention is at least a pound of cure when it comes to fixing compacted courses. Irreversible compaction of soils can happen within months of opening depending on soil type, slopes and climate. There are so many creative ways to protect the land while making it more attractive to players, spectators and the general public. Dana Vicich has designed 16 courses in Illinois and is proactive about prevention. "Planning to budget for erosion control is as important as safe course design," he said. "We want our courses to last a long time, as well as to not negatively impact the environment."



Terracing & Armoring Tee Area



- a** focus footsteps, mulched trail
- b** Drop Zone (Natural Stone Paving)
- c** armored drainages (river rock)
- d** mulched island green
- e** check dam prevents blowouts
- f** connector trail: firm, direct, defined
- g** compacted gravel on steeper slope

PHOTO KEY

Armoring the flow of water & the flow of play

Inclusivity & Engagement

Facebook Page

Club Website

Informal - Free Activities Onsite

Design Cues & Signage



Moving *Forward*



Park Budget &
Grant Cycles

Iron Rangers

Towards
501(c)3

Master Plan

Maintenance Agreement

World Class
Events/Tourism

