The lifeblood of the state
WATER RIGHTS

PHYSICAL CATEGORIES

- Surface Water
- Groundwater

LEGAL CATEGORIES

- Rights acquired through LAND OWNERSHIP
- Rights acquired through ACTIONS (USE)
SURFACE WATER
RIPARIAN RIGHTS

- Land ownership **ADJACENT** to watercourse
- Deed establishes right: **NO PERMIT NEEDED**
- No fixed quantity: **REASONABLE**
RIPARIAN RIGHTS

NO FIXED QUANTITY: Reasonable Use

Example: Riparian uses 500 AFY to grow Crop A. Can she switch to Crop B, which requires 600 AFY?

Answer: Yes, without any additional water rights, as long as water is reasonably used, and not wasted.
RIPARIAN RIGHTS

- Land based: Not lost for non-use
- Limited to use on riparian property in watershed
- Limited to **NATURAL FLOW** of watercourse
- **NO STORAGE** (over 30 days)
- Equitable sharing of shortages: **CORRELATIVE**
1848-49 Gold Rush

Cornucopia of the World

Photo courtesy of USGS

Wikimedia Commons
APPROPRIATIVE RIGHTS

- **BENEFICIAL USE** (not land ownership)
- 5 Years Non-Use = Forfeit (*USE IT OR LOSE IT*)
- **FIXED QUANTITY**
- **STORAGE** allowed – belongs to appropriator
- Shortage: **PRIORITY**
PRIORITY

First in time
First in right

- SENIOR
- JUNIOR

Graphic courtesy of Oregon Department of Water Resources
APPROPRIATIVE RIGHTS

- **PRE-1914 RIGHTS**
  - Common law rights
  - Divert and beneficially use water

- **POST-1914 RIGHTS**
  - Requires **water permit or license**
  - Permit to License: Diligent “development” aka use
LUX V. HAGGIN (1886)

HYBRID SYSTEM
Riparian & Appropriative
Riparians usually senior as a class

James Ben-Ali Haggin

Kern
River

Miller & Lux
GROUNDWATER

Water Code Section 1200 (permitting system):

Water refers only to **surface water** and to

“Subterranean streams flowing through a known and definite channel”

NOT “percolating groundwater”
WATER UNDER THE GROUND

- **SUBTERRANEAN STREAM** = Surface Water Law
  - Riparian Right (overlying)
  - Appropriative Right*
    * After 1914, need SWRCB permit

- **PERCOLATING** = Groundwater Law
  - Overlying Right
  - Appropriative Right
  - **No SWRCB permit**
SUBTERRANEAN STREAM FLOWING THROUGH KNOWN & DEFINITE CHANNEL

*North Gualala Water Co. v. SWRCB* (2006)

- Subsurface channel must be present
- **Relatively impermeable** bed and banks
- Course determined by **reasonable inference**
- Groundwater **flowing in** channel (not across)

- No “Impact” Test
“[C]lassification disputes in this field quickly take on an Alice-in-Wonderland quality because the legal categories are drawn from antiquated case law and bear little or no relationship to hydrologic realities.”
“PERCOLATING” GROUNDWATER

- **Land-Based: OVERLYING Right**
  - Overlying land ownership: analogous to riparian
  - Use on overlying land, no forfeiture: **NO PERMIT**

- **Use-based: APPROPRIATIVE Right**
  - Use **outside the basin** or by **public agency**
  - Priority system & “use it or lose it”: **NO PERMIT**
“PERCOLATING” GROUNDWATER

OVERDRAFT & SAFE YIELD

- ADJUDICATION
- PRESCRIPTIVE RIGHTS
- SELF HELP
- COURT DECREE
  - WATERMASTER: post-decree management
“PERCOLATING” GROUNDWATER

GROUNDWATER MANAGEMENT

- Local agencies
- County ordinances
- Sustainable Groundwater Management Act
“PERCOLATING” GROUNDWATER

SUSTAINABLE GROUNDWATER MANAGEMENT ACT

Local management with state backstop

- Groundwater Sustainability Agencies
- Groundwater Sustainability Plans
- Sustainable Yield
- If fail, SWRCB action
TRIBAL WATER RIGHTS

- Express treaty rights

- Implied *Winters* Rights: primary purpose
  - Priority: date of reservation
  - Not lost for non-use

- Aboriginal rights: “time immemorial”
GOVERNING PRINCIPLES
HERMINGHAUS V. SO. CAL EDISON (1926)

Riparian relied on heavy spring flows to flood irrigate

So Cal Edison wanted to construct upstream hydropower reservoirs, reducing peak flows

Held that Reasonable Use does not apply between riparian & appropriator
CAL CONST. ART. 10 § 2 (1928)

- **FULLEST EXTENT**
  
  CA water shall “be put to beneficial use to the fullest extent of which [it is] capable”

- **REASONABLE USE**
  
  Amount “reasonably required for beneficial use”

- **WASTE & UNREASONABLE USE**
  
  No right where water wasted or used unreasonably
“What is a reasonable amount varies with the circumstances of each particular case and also varies from year to year, for the amount which might be reasonable in a season of plenty might be manifestly unreasonable in a season of drought.”
By the laws of nature
These things are common to mankind
The air, the sea, and consequently
The shores of the sea

_Institutes of Justinian_
Public Trust Doctrine

Mono Lake

- Tributaries
- Lake level dropping
- Ecosystem impacts

Photo courtesy of visitusa.com
PUBLIC TRUST DOCTRINE

- CA acquired **bed & banks of navigable waters & tidal waters** @ statehood (**EQUAL FOOTING**)

- Title to navigable and tidal resources impressed with “public trust” obligation

- Public Trust values: Navigation, commerce, fishing, environmental, recreation, scientific
PUBLIC TRUST DOCTRINE

Los Angeles:
- Public trust applies only to navigable waters
- Water rights cannot be changed

Court:
- Both water rights & public trust must be accommodated
- Public trust applies to non-navigable waters connected to navigable waters
PUBLIC TRUST DOCTRINE

- Public Trust Doctrine: State can & must protect trust values where **FEASIBLE**

- Feasibility: environmental, economic, cultural, scientific, legal
PUBLIC TRUST DOCTRINE

- **NATIONAL AUDUBON** (1983)
  Non-navigable tributaries

- **SCOTT RIVER** (ELF v. SWRCB) (2016)
  Percolating groundwater hydrologically connected to protected surface water
PUBLIC INTEREST

- **PUBLIC INTEREST**: California Water Code

- **SWRCB governing principle**
  - Allocation of water
  - Terms and conditions of permits and licenses
  - Changes to permits and licenses

- SWRCB must consider and value all interests: Environmental, economic, cultural, etc.
GOVERNANCE
GOVERNANCE

STATE WATER RESOURCES CONTROL BD

- Five members, appointed by governor
- Staff: Division of Water Rights

WATER PERMITS & LICENSES

- Initially Limited Jurisdiction
- Only Surface Water & Subterranean Streams
  - Only post-1914 appropriations
  - Not: pre-1914, riparian, or percolating GW
GOVERNANCE

SWRCB regulatory authority over all rights evolving:

- **Cal. Const., Article X section 2**
  - Light v. SWRCB (2014)

- **Enforcement**
  - Young v. SWRCB (2013)

- **Public Trust Doctrine**
  - ELF v. SWRCB (Scott River case) (2016)
GOVERNANCE

DROUGHT MANAGEMENT 2014-16

- Information orders
- Conservation requirements
- Curtailments
  - Litigation
GOVERNANCE

COURTS

- Concurrent jurisdiction
- All water rights
- Post-1914 permits & licenses
  - Challenges and appeals
GOVERNANCE

LOCAL AGENCIES & WATER SUPPLIERS

- Cities and counties
- Special districts
- Investor-owned utilities (CPUC)
- Mutual water companies

- Water rights or water contracts
- May own and operate local projects
- Local rules and regulations
GOVERNANCE

■ PROJECTS
  ■ Federal (CVP)
  ■ State (SWP)
  ■ State water rights
  ■ Supply contracts
QUESTIONS?