Comparing Terrain Matrices

ATES columns are aligned across all three, so each column compares directly. Rows are the leader's qualification.

Allowed · Supervision · Consult required · Peer Pro consult · Not allowed · Not addressed

L/M Low-Moderate · Con Considerable · C/H/E Considerable-High-Extreme · H/E High-Extreme

01 Terrain matrix — ATES class × danger × A3 tier

Blazek · ISSW 2026

	A3 TIER ↓	Non-avalanche		Simple		Challenging		Complex		Extreme	
		L/M	C/H/E	L/M	C/H/E	L/M	C/H/E	L/M	C/H/E	L/M	C/H/E
AFFILIATE 2 yr min.	Tier 0 — Rec L1 + Rescue min.	Allowed	Allowed	Pro 1 supervision [1]	Pro 1 supervision [1]	Not allowed	Not allowed	Not allowed	Not allowed	Not allowed	Not allowed
AFFILIATE 2 yr min.	Tier 1 — Pro 1	Allowed	Allowed	Allowed	Pro 2 consult [2]	Pro 2 consult [2]	Not allowed	Not allowed	Not allowed	Not allowed	Not allowed
PRO 4 yr min.	Tier 2 — Pro 1	Allowed	Allowed	Allowed	Allowed	Pro 2 consult [3]	Pro 2 consult [2]	Pro 2 consult [3]	Not allowed	Not allowed	Not allowed
PRO 4 yr min.	Tier 3 — Pro 1, 6 seasons min.	Allowed	Allowed	Allowed	Allowed	Allowed	Pro 2 consult [2]	Pro 2 consult [3]	Pro 2 consult [2]	Not allowed	Not allowed
PRO 4 yr min.	Tier 4 — Pro 2	Allowed	Allowed	Allowed	Allowed	Allowed	Peer Pro consult [3]	Allowed	Peer Pro consult [2]	Peer Pro consult [2]	Not allowed

Corner numeral = communication required: 1 in person (line of sight, supervisor with the group) · 2 radio (supervisor in the area) · 3 remote (satellite or end-of-day check-in, supervisor off site).

02 TASARM

TASARM p. 55 · Fig. 7.1

LEADER TRAINING ↓	Non-avalanche	Simple		Challenging			Complex			Extreme
	not rated	L/M	C/H/E	L/M	Con	H/E	L/M	Con	H/E	not rated
CAA Professional Member		Allowed	Allowed	Allowed	Allowed	Allowed	Allowed	Allowed	Consult	
CAA L1 + résumé		Allowed	Allowed	Allowed	Consult	Consult	Consult	Consult	Not allowed	
AST 2 or CAA Level 1		Allowed	Consult	Consult	Not allowed	Not allowed	Consult	Not allowed	Not allowed	
AST 1		Allowed	Consult	Consult	Not allowed	Not allowed	Not allowed	Not allowed	Not allowed	

Consult = requires forecaster consult. Decides whether a field team, by its leader's training, may travel; "consult" cells are decided by an in-house avalanche forecaster.

03 Banff, Yoho and Kootenay National Parks

BYK Workplace Avalanche Safety Plan p. 32 · Table 12

LEADER TRAINING ↓	Non-avalanche	Simple		Challenging		Complex			Extreme
	not rated	L/M	C/H/E	L/M	C/H/E	L/M	Con	H/E	not rated
ACMG* or CAA Pro Member		Allowed	Allowed	Allowed	Allowed	Allowed	Allowed	Consult	
AST 2 or CAA Level 1		Allowed	Consult	Consult	Not allowed	Consult	Not allowed	Not allowed	
AST 1		Allowed	Consult	Consult	Not allowed	Not allowed	Not allowed	Not allowed	

Consult = requires forecaster consult. * ACMG members are subject to the ACMG Scope of Practice. Group members (Table 13, any danger rating): Simple — no avalanche training required · Challenging — AST 1 min. · Complex — AST 2 or CAA ITP Level 1 min.

01 Blazek, L. K. ATES for Operational Terrain Management, ISSW 2026 — Table 2 (with Tables 3 & 4). avalanchesavvy.com/issw-2026

02 Technical Aspects of Snow Avalanche Risk Management (TASARM), p. 55 — Figure 7.1, courtesy of Parks Canada.

03 BYK Workplace Avalanche Safety Plan (04 Nov 2019), p. 32 — §5.6, Tables 12 & 13.